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GENERATORE SHOW STANDALONE CON CONTROLLO TRASMISSIONE SU BUS DMX-512/RDM

APPLICAZIONE NEWLAB GO

CONFIGURAZIONE PARAMETRI

Dimmer 4 canali con Uscita in Tensione PWM.

Range di alimentazione: 8-53V DC.

Uscita in Tensione PWM 8-53V DC con corrente da 0A a 8A (384W a 48V DC) per singolo canale.

In configurazione monocanale corrente da 0A a 32A (1536W a 48V).

Canali di uscita parallelizzabili.

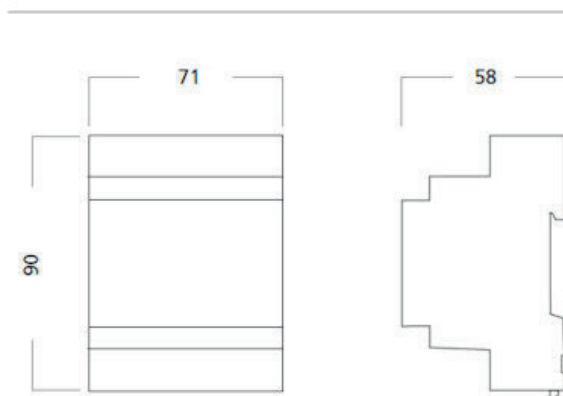
Controllabile tramite app Android/iOS Newlab Go con differenti modalità: Monocanale, RGB, RGB + White, Bianco dinamico.

Per impostare le modalità di funzionamento occorre dotarsi di interfaccia PROGDM venduta separatamente.



Ingressi di Controllo	
Tipologia	Qta
DMX512 RDM	1
Pulsante isolato	1
Pulsante non isolato	4
DALI	1
Potenzimetro Lineare 100K	4
0-10V Passivo (non isolato)	4
1-10V Passivo (non isolato)	4
Bluetooth LE	1

Uscite di sincronia	
Tipologia	Qta
DMX512	1
PWM	4



## CARATTERISTICHE TECNICHE

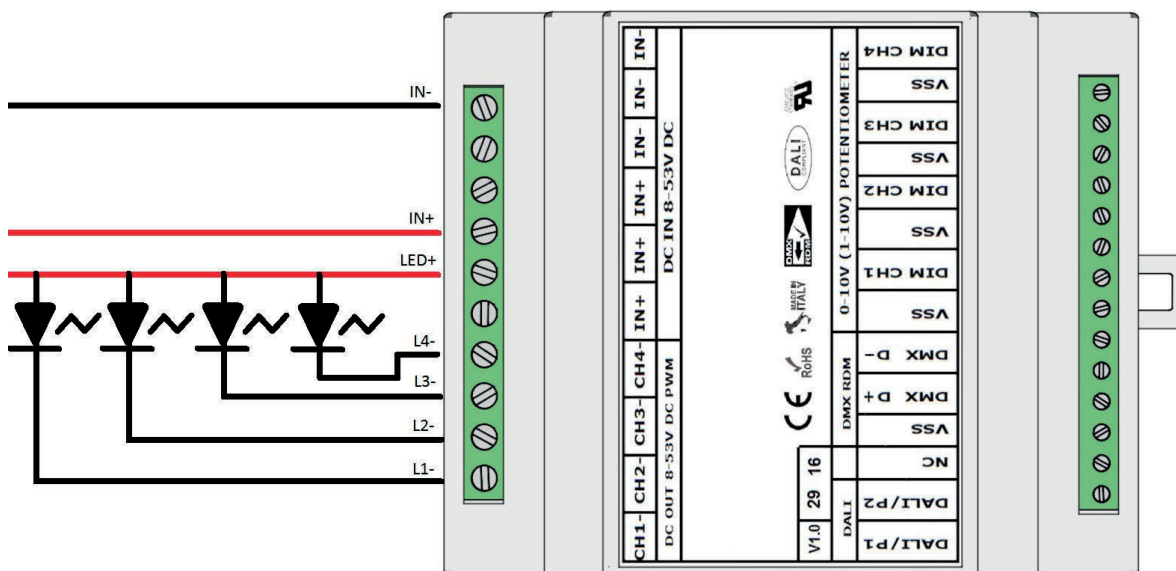
- Dimmer 4 canali con Uscita in Tensione PWM.
- Range di alimentazione: 8-53V DC.
- Potenza erogata 64W a 8V, 96W a 12V, 192W a 24V, 384W a 48V.
- Uscita in Tensione PWM 8-53V DC con corrente da 0A a 8A (384W a 48V DC) per singolo canale.
- In configurazione monocanale corrente da 0A a 32A (1536W a 48V).
- Canali di uscita parallelizzabili.
- Funzionalità MASTER/SLAVE per sincronia digitale con altri Dimmer Newlab o dispositivi DMX512A compatibili.
- Configurazione di fabbrica: SLAVE DMX512A 4 Canali.
- Per cambiare la modalità di funzionamento occorre l'utilizzo dell'interfaccia L392MA00N0A01 (opzionale).
- Ingressi di Controllo: DMX512 RDM x1, Pulsante isolato x1, Pulsante non isolato x4, DALI x1, Potenzimetro Lineare 100K x4, 0-10V Passivo (non isolato) x4, 1-10V Passivo (non isolato) x4, Bluetooth LE x1.
- Uscite di sincronia: DMX512 x1, PWM x4.
- Nota su 0-10V(1-10V): questo circuito di controllo non è isolato, utilizzare solo un generatore di segnale isolato 0-10V(1-10V).
- Frequenza PWM: 390 Hz.
- Funzionalità Converter DALI to DMX.
- Intervento Termico: 150 Gradi C. su uC.
- Temperatura stoccaggio Min: -40 Max: 60 Gradi C..
- Temperatura di funzionamento Min: -20 Max: 50 Gradi C..
- Circuito Stampato UL.
- Classe di protezione: IP20.


**DM424**
*Centralina multifunzione 12-24-48 Vdc*

- Dimensioni Standard 90x70x58 mm.
- Protezione da inversione di polarità.
- Protezione circuito aperto.
- Protezione da picchi tensione.
- Protezione da sovratemperatura.
- Protezione corto circuito.
- Se la tensione di controllo dell'ingresso PUSH è superiore alla tensione SELV è necessario l'utilizzo del coprimorsetto/stringicavo OPZIONALE per mantenere il prodotto in CLASSE II.
- Utilizzare solo in ambienti asciutti.



CODICE	TENSIONE IN INGRESSO	CORRENTE USCITA (MAX)	N. CANALI IN USCITA	POTENZA MAX IN USCITA	INGRESSI DI CONTROLLO	SCATOLA	DIMENSIONI mm
DM424	8-53V DC	8A per singolo canale	4	384W a 48V DC per singolo canale 1536W a 48V DC complessiva	DMX512 RDM x1 Pulsante isolato x1 Pulsante non isolato x4 DALI x1 Potenziometro Lineare 100K x4 0-10V Passivo (non isolato) x4 1-10V Passivo (non isolato) x4 Bluetooth LE x1	SI	90x70 h 58

**ALIMENTAZIONE DEL DISPOSITIVO E CONNESSIONE AL MODULO LED**

**COLLEGAMENTO ALIMENTAZIONE E LED DM424 - FIGURA N. 1**

Il dimmer DM424 deve essere alimentato secondo la polarità indicata in FIG. 1 attraverso i morsetti DC IN (+ e -).

Nel caso in cui la polarità di alimentazione venga invertita il dispositivo non subisce nessun danno.

La connessione del carico LED su DM424 (uscita tensione costante anodo comune) deve essere effettuata utilizzando i morsetti IN+, CH1-, CH2-, CH3- e CH4- come in Figura 1

Nelle modalità monocanale è consigliato cortocircuitare i poli CH1-, CH2-, CH3-, CH4- per distribuire uniformemente il carico.

## MODALITA' DI FUNZIONAMENTO

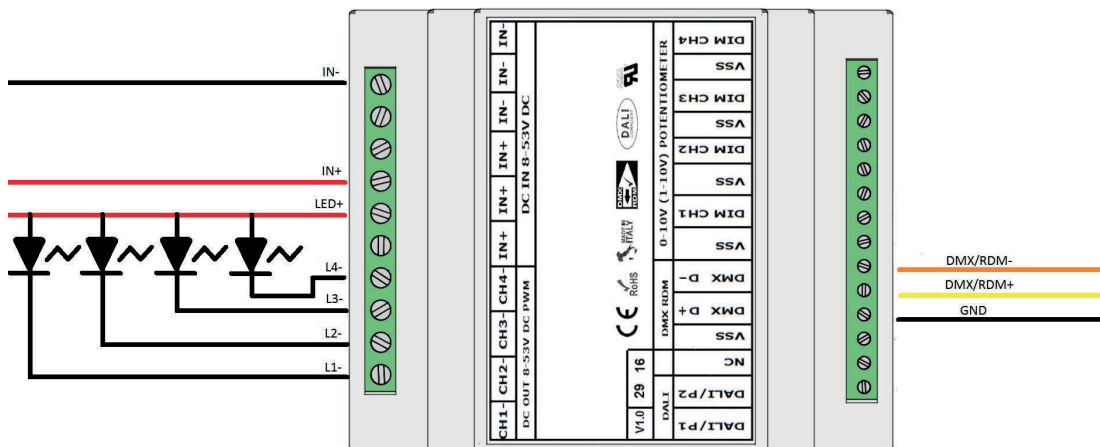
I dispositivi DM424 possono operare in diverse modalità.

La programmazione della modalità operativa, oltre che quella di altri parametri di funzionamento (es. indirizzo DMX-512, fade, etc.) deve essere effettuata mediante il programmatore PROGDM. Riferirsi al manuale del programmatore per il setup delle modalità.

Le modalità supportate sono:

- INGRESSO SLAVE DMX-512/RDM 4 CANALI (DEFAULT)
- INGRESSO SLAVE DMX-512/RDM 4 CANALI CON POSSIBILITA' DI SETTAGGIO PARAMETRI
- INGRESSO SLAVE DMX-512/RDM MONOCANALE
- INGRESSO SLAVE DMX-512/RDM MONOCANALE CON POSSIBILITA' DI SETTAGGIO PARAMETRI
- INGRESSO DALI 4 CANALI
- INGRESSO DALI MONOCANALE
- INGRESSO PUSH (NON ISOLATO) 4 CANALI INDIPENDENTI + BLUETOOTH
- INGRESSO PUSH (ISOLATO) MONOCANALE + BLUETOOTH
- INGRESSO POTENZIOMETRO LINEARE (100Kohm), 0-10V/1-10V (NON ISOLATO) 4 CANALI INDIPENDENTI
- GENERATORE SHOW STANDALONE CON CONTROLLO TRASMISSIONE SU BUS DMX-512

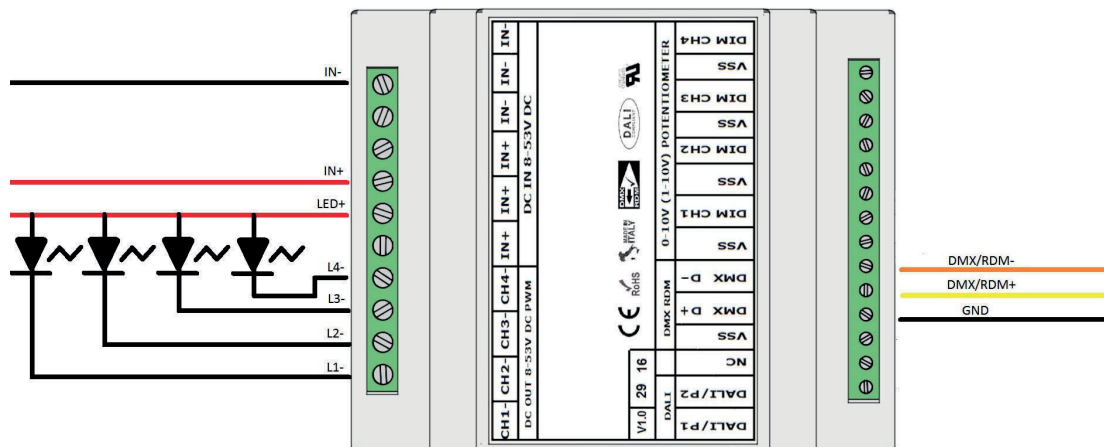
In tutte le configurazioni, ad esclusione delle modalità SLAVE DMX512/RDM, i dispositivi DM424 convertono i dati ricevuti dal campo (DALI, pulsanti push, 0-10V, 1-10V, potenziometro, BLE etc.) in formato DMX-512/RDM sui canali 1-2-3-4.

**INGRESSO SLAVE DMX-512/RDM 4 CANALI (DEFAULT)**

**COLLEGAMENTO DM424 A BUS DMX512/RDM - FIGURA N. 2**

In questa modalità (DEFAULT) il dispositivo può essere controllato mediante un bus DMX-512/RDM. Il dispositivo occupa 4 canali DMX-512/RDM, a partire dall'indirizzo di base. L'indirizzo DMX di base (DEFAULT 1) può essere impostato mediante protocollo RDM oppure mediante il programmatore PROGDM. Fare riferimento al manuale del programmatore per le modalità. In questa modalità il dispositivo lavora in curva lineare e la funzionalità FADE è disabilitata.

**ATTENZIONE: PER IL CORRETTO FUNZIONAMENTO DEL BUS DMX E' NECESSARIO COLLEGARE TRA LORO I POLI GND DEI DISPOSITIVI CONNESSI AL BUS. UTILIZZARE IL MORSETTO VSS COME IN FIGURA 2.**

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**

**INGRESSO SLAVE DMX-512/RDM 4 CANALI CON POSSIBILITA' DI SETTAGGIO PARAMETRI**

**COLLEGAMENTO DM424 A BUS DMX512/RDM - FIGURA N. 3**

In questa modalità il dispositivo può essere controllato mediante un bus DMX-512/RDM.

Il dispositivo occupa 4 canali DMX-512/RDM, a partire dall'indirizzo di base.

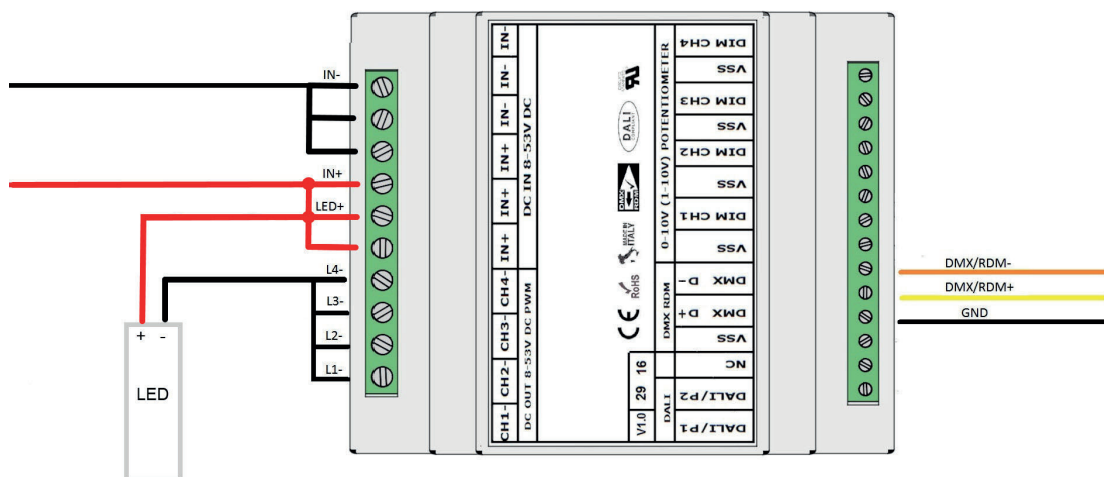
L'indirizzo DMX di base (DEFAULT 1) può essere impostato mediante protocollo RDM oppure mediante il programmatore PROGDM.

Fare riferimento al manuale del programmatore per le modalità.

In questa modalità è inoltre possibile selezionare la curva di risposta del dispositivo (LOG o LIN) ed abilitare o disabilitare il FADE HW.

**ATTENZIONE: PER IL CORRETTO FUNZIONAMENTO DEL BUS DMX E' NECESSARIO COLLEGARE TRA LORO I POLI GND DEI DISPOSITIVI CONNESSI AL BUS. UTILIZZARE IL MORSETTO VSS COME IN FIGURA 3.**

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**

**INGRESSO SLAVE DMX-512/RDM MONOCANALE**

**COLLEGAMENTO DM424 A BUS DMX512/RDM - FIGURA N. 4**

In questa modalità il dispositivo può essere controllato mediante un bus DMX-512/RDM con funzionalità monocanale.

Il dispositivo occupa 1 canale DMX-512/RDM.

Il dispositivo in questa modalità è in grado di gestire fino a 32A complessivi.

L'indirizzo DMX di base (DEFAULT 1) può essere impostato mediante protocollo RDM oppure mediante il programmatore PROGDM.

Fare riferimento al manuale del programmatore per le modalità.

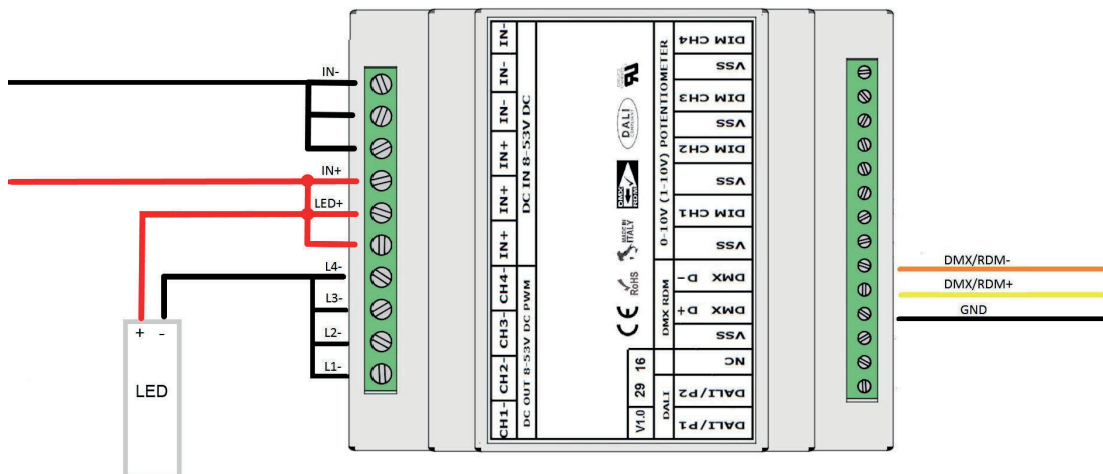
In questa modalità il dispositivo lavora in curva lineare e la funzionalità FADE è disabilitata.

**ATTENZIONE: PER IL CORRETTO FUNZIONAMENTO DEL BUS DMX E' NECESSARIO COLLEGARE TRA LORO I POLI GND DEI DISPOSITIVI CONNESSI AL BUS. UTILIZZARE IL MORSETTO VSS COME IN FIGURA 4.**

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**



## INGRESSO SLAVE DMX-512/RDM MONOCANALE CON POSSIBILITA' DI SETTAGGIO DI PARAMETRI



COLLEGAMENTO DM424 A BUS DMX512/RDM - FIGURA N. 5

In questa modalità il dispositivo può essere controllato mediante un bus DMX-512/RDM con funzionalità monocanale.

Il dispositivo occupa 1 canale DMX-512/RDM.

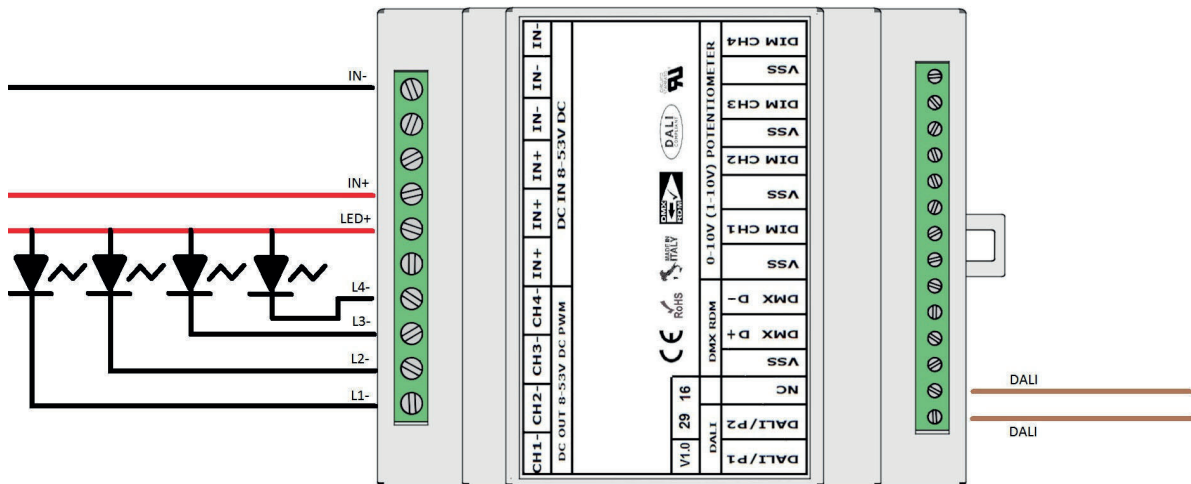
Il dispositivo in questa modalità è in grado di gestire fino a 32A complessivi

L'indirizzo DMX di base (DEFAULT 1) può essere impostato mediante protocollo RDM oppure mediante il programmatore PROGDM.

Fare riferimento al manuale del programmatore per le modalità. In questa modalità è inoltre possibile selezionare la curva di risposta del dispositivo (LOG o LIN) ed abilitare o disabilitare il FADE HW.

**ATTENZIONE: PER IL CORRETTO FUNZIONAMENTO DEL BUS DMX E' NECESSARIO COLLEGARE TRA LORO I POLI GND DEI DISPOSITIVI CONNESSI AL BUS. UTILIZZARE IL MORSETTO VSS COME IN FIGURA 5.**

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**

**INGRESSO DALI 4 CANALI**

**COLLEGAMENTO DALI DM424 - FIGURA N. 6**

In questa modalità i dimmer DM424 agiscono come dimmer DALI 4 canali. Il dispositivo viene riconosciuto durante l'indirizzamento come 4 dispositivi DALI completamente indipendenti. La corrente max assorbita dal bus DALI è di circa 2mA.

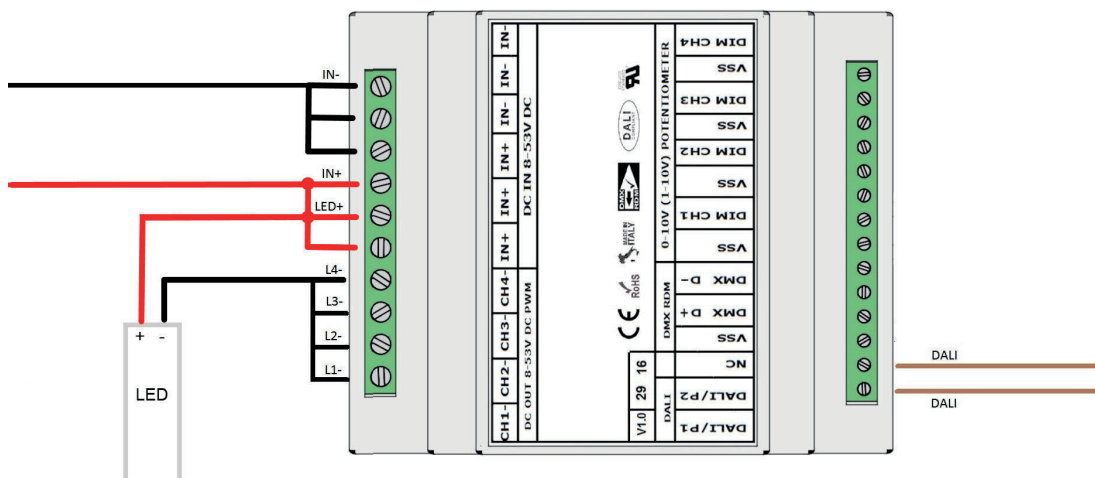
In questa modalità, i parametri ricevuti dal bus DALI vengono inviati anche sul bus DMX512/RDM sui canali fissi 1-2-3-4:

PRIMO DEVICE DALI -> DMX512 ADDRESS 1  
 SECONDO DEVICE DALI -> DMX512 ADDRESS 2  
 TERZO DEVICE DALI -> DMX512 ADDRESS 3  
 QUARTO DEVICE DALI -> DMX512 ADDRESS 4

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**

Qui di seguito i comandi standard implementati:

DIRECT ARC POWER	QUERY STATUS
OFF	QUERY BALLAST
UP	QUERY LAMP POWER ON
DOWN	QUERY LIMIT ERROR
STEP UP	QUERY RESET STATE
STEP DOWN	QUERY MISSING SHORT ADDRESS
RECALL MAX LEVEL	QUERY VERSION NUMBER
RECALL MIN LEVEL	QUERY DEVICE TYPE
STEP DOWN AND OFF	QUERY PHISICAL MINIMUM LEVEL
ON AND STEP UP	QUERY POWER FAILURE
GO TO SCENE (0-15)	QUERY CONTENT DTR1
RESET	QUERY CONTENT DTR2
STORE ACTUAL LEVEL IN THE DTR	QUERY ACTUAL LEVEL
STORE THE DTR AS MAX LEVEL	QUERY MAX LEVEL
STORE THE DTR AS MIN LEVEL	QUERY MIN LEVEL
STORE THE DTR AS SYSTEM FAILURE LEVEL	QUERY POWER ON LEVEL
STORE THE DTR AS POWER ON LEVEL	QUERY SYSTEM FAILURE LEVEL
STORE THE DTR AS FADE TIME	QUERY FADE TIME/FADE RATE
STORE THE DTR AS FADE RATE	QUERY SCENE LEVEL (0-15)
STORE THE DTR AS SCENE (0-15)	QUERY GROUPS (0-7)
REMOVE FROM SCENE (0-15)	QUERY GROUPS (8-15)
ADD TO GROUP (0-15)	QUERY RANDOM ADDRESS H
REMOVE FROM GROUP (0-15)	QUERY RANDOM ADDRESS M
STORE DTR AS SHORT ADDRESS	QUERY RANDOM ADDRESS L

**INGRESSO DALI MONOCANALE**

**COLLEGAMENTO DALI DM424 - FIGURA N. 7**

In questa modalità i dimmer DM424 agiscono come dimmer DALI monocanale. La corrente max assorbita dal bus DALI è di circa 2mA.

In questa modalità, i parametri ricevuti dal bus DALI vengono inviati anche sul bus DMX512/RDM sui canali fissi 1-2-3-4:

PRIMO DEVICE DALI -> DMX512 ADDRESS 1  
 SECONDO DEVICE DALI -> DMX512 ADDRESS 2  
 TERZO DEVICE DALI -> DMX512 ADDRESS 3  
 QUARTO DEVICE DALI -> DMX512 ADDRESS 4

**ATTENZIONE IN QUESTA MODALITA' IL CONTROLLO BLE (Bluetooth) E' INIBITO**

Qui di seguito i comandi standard implementati:

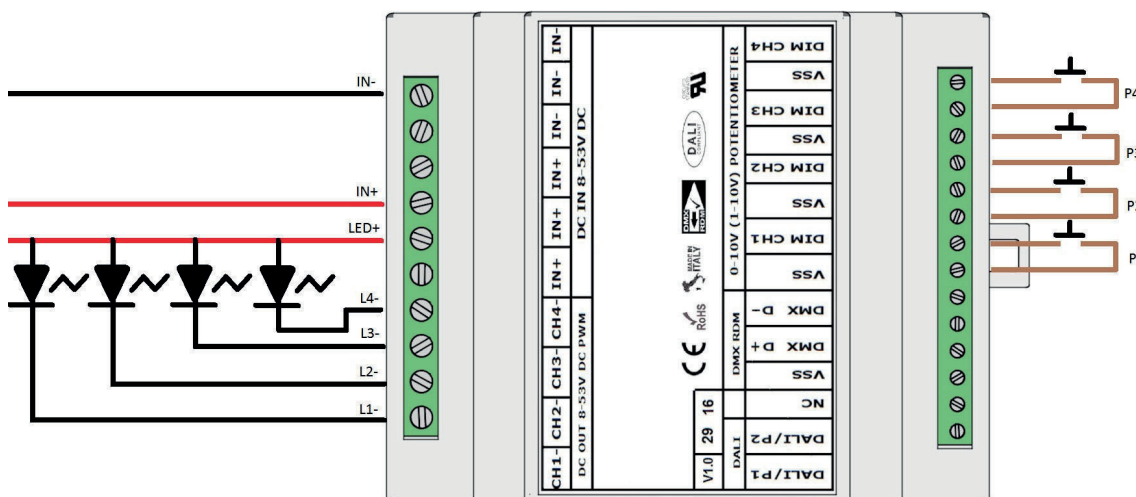
DIRECT ARC POWER  
 OFF

UP  
 DOWN  
 STEP UP  
 STEP DOWN  
 RECALL MAX LEVEL  
 RECALL MIN LEVEL  
 STEP DOWN AND OFF  
 ON AND STEP UP  
 GO TO SCENE (0-15)  
 RESET

STORE ACTUAL LEVEL IN THE DTR  
 STORE THE DTR AS MAX LEVEL  
 STORE THE DTR AS MIN LEVEL  
 STORE THE DTR AS SYSTEM FAILURE LEVEL  
 STORE THE DTR AS POWER ON LEVEL  
 STORE THE DTR AS FADE TIME  
 STORE THE DTR AS FADE RATE  
 STORE THE DTR AS SCENE (0-15)  
 REMOVE FROM SCENE (0-15)  
 ADD TO GROUP (0-15)  
 REMOVE FROM GROUP (0-15)  
 STORE DTR AS SHORT ADDRESS

QUERY STATUS  
 QUERY BALLAST  
 QUERY LAMP POWER ON  
 QUERY LIMIT ERROR  
 QUERY RESET STATE  
 QUERY MISSING SHORT ADDRESS  
 QUERY VERSION NUMBER  
 QUERY DEVICE TYPE  
 QUERY PHYSICAL MINIMUM LEVEL  
 QUERY POWER FAILURE  
 QUERY CONTENT DTR1  
 QUERY CONTENT DTR2  
 QUERY ACTUAL LEVEL  
 QUERY MAX LEVEL  
 QUERY MIN LEVEL  
 QUERY POWER ON LEVEL  
 QUERY SYSTEM FAILURE LEVEL  
 QUERY FADE TIME/FADE RATE  
 QUERY SCENE LEVEL (0-15)  
 QUERY GROUPS (0-7)  
 QUERY GROUPS (8-15)  
 QUERY RANDOM ADDRESS H  
 QUERY RANDOM ADDRESS M  
 QUERY RANDOM ADDRESS L

## INGRESSO PUSH (NON ISOLATO) 4 CANALI INDIPENDENTI + BLUETOOTH



COLLEGAMENTO PULSANTI DM424 - FIGURA N. 8

In questa modalità è possibile controllare i 4 canali di uscita mediante la pressione di 4 tasti NO connessi come in figura 8.

**Funzionamento interfaccia PUSH**

*Singolo Click (pressione rapida (<1sec))*

- Accende o spegne l'output (ON/OFF).

*Doppio Click (pressione rapida (<1sec))*

- Imposta massima luminosità (output= 100%)

*Long Press (pressione prolungata (>1sec))*

- Se il dimmer è in stato di OFF, imposta l'output al valore di minimo (impostabile tramite interfaccia di programmazione, default= 1%)

- Se il dimmer è in stato di ON, la pressione prolungata permette la dimmerazione dell'output (salita/discesa).

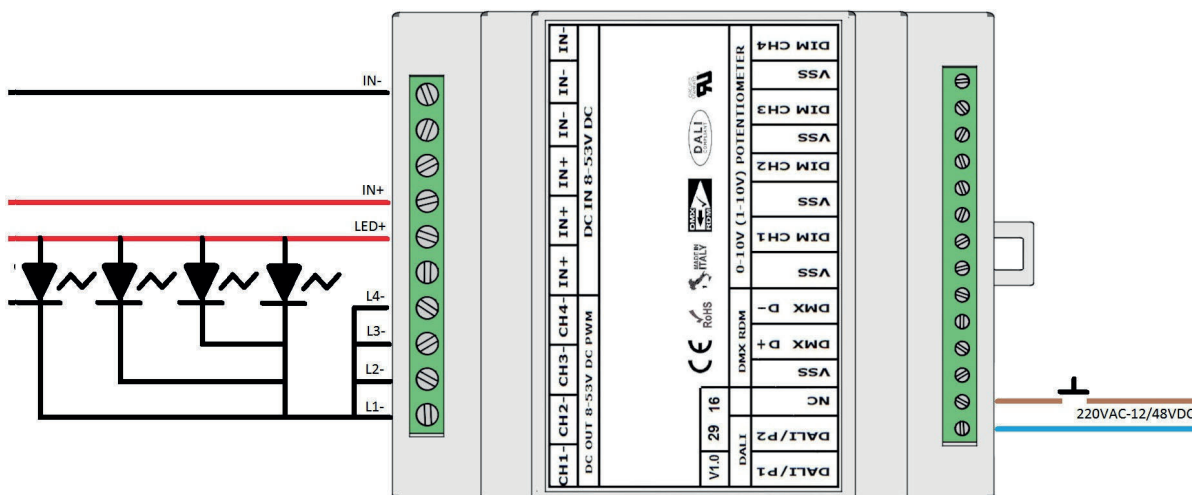
In questa modalità, i parametri ricevuti dal bus DALI vengono inviati anche sul bus DMX512/RDM sui canali fissi 1-2-3-4:

PRIMO DEVICE DALI -> DMX512 ADDRESS 1

SECONDO DEVICE DALI -> DMX512 ADDRESS 2

TERZO DEVICE DALI -> DMX512 ADDRESS 3

QUARTO DEVICE DALI -> DMX512 ADDRESS 4

**INGRESSO PUSH (ISOLATO) MONOCANALE + BLUETOOTH**

**COLLEGAMENTO PULSANTI DM424 - FIGURA N. 9**

In questa modalità è possibile controllare i 4 canali di uscita sincronamente mediante la pressione di 1 tasto NO connesso come in figura 9.

Il dispositivo in questa modalità è in grado di gestire fino a 32A complessivi.

In questa modalità è anche possibile, controllare il dispositivo mediante smartphone attraverso l'APP Newlab Go. Riferirsi alle appendici per dettagli sull'installazione ed uso dell'app.

In questa modalità, i parametri ricevuti dal bus DALI vengono inviati anche sul bus DMX512/RDM sui canali fissi 1-2-3-4:

- PRIMO DEVICE DALI -> DMX512 ADDRESS 1
- SECONDO DEVICE DALI -> DMX512 ADDRESS 2
- TERZO DEVICE DALI -> DMX512 ADDRESS 3
- QUARTO DEVICE DALI -> DMX512 ADDRESS 4

**Funzionamento interfaccia PUSH**

*Singolo Click (pressione rapida (<1sec))*

- Accende o spegne l'output (ON/OFF).

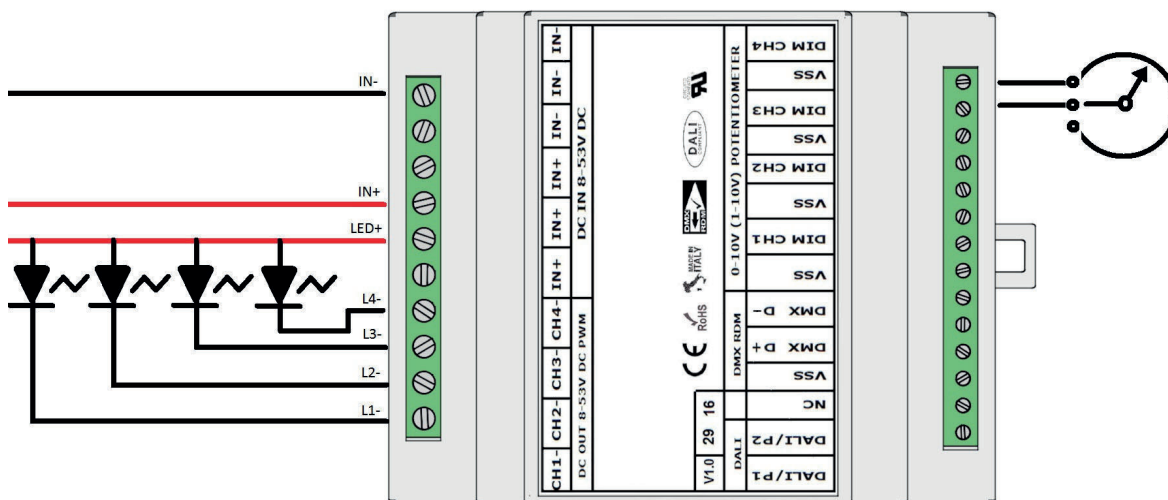
*Doppio Click (pressione rapida (<1sec))*

- Imposta massima luminosità (output= 100%)

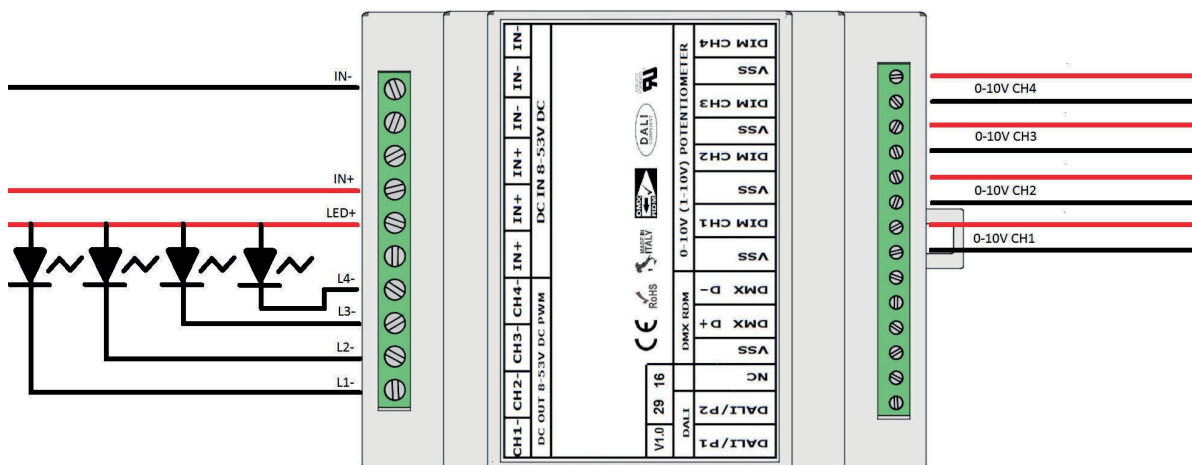
*Long Press (pressione prolungata (>1sec))*

- Se il dimmer è in stato di OFF, imposta l'output al valore di minimo (impostabile tramite interfaccia di programmazione, default= 1%)

- Se il dimmer è in stato di ON, la pressione prolungata permette la dimmerazione dell'output (salita/discesa).

**INGRESSO POTENZIOMETRO LINEARE (100KOHM), 0-10V/1-10V (NON ISOLATO) 4 CANALI INDIPENDENTI**

**COLLEGAMENTO POTENZIOMETRO DM424**

(IN FIGURA È MOSTRATO IL COLLEGAMENTO DEL SOLO CANALE 4) - FIGURA N. 10


**COLLEGAMENTO 0-10V/1-10V DM424 - FIGURA N. 11**

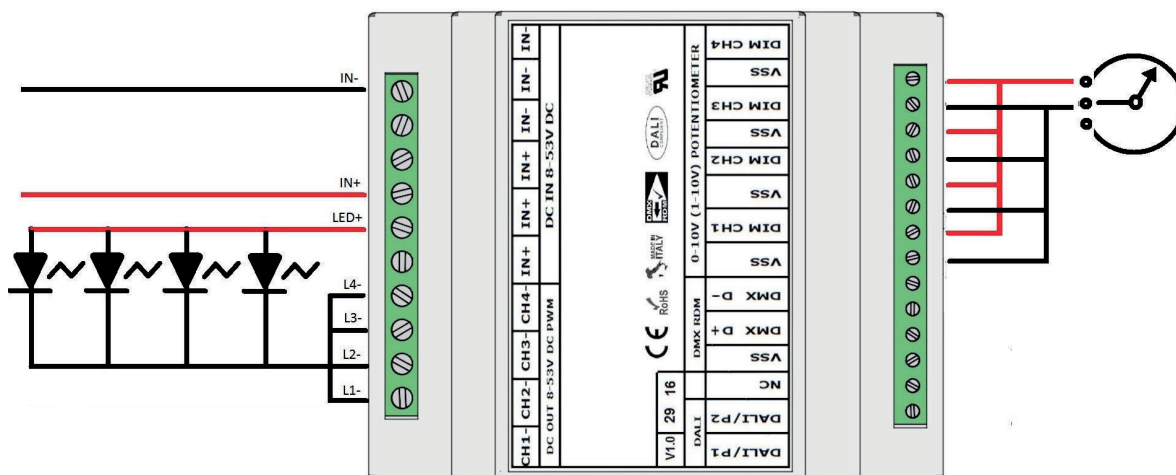
Questa modalità consente il controllo del dimmer DM424 con segnali analogici. In base al cablaggio effettuato come da figure precedenti è possibile utilizzare un segnale 0-10V (1-10V) o in alternativa un potenziometro lineare con valore 100Kohm.

Ogni canale analogico controlla la luminosità del canale di uscita corrispondente. La corrente max assorbita dal dimmer dall'interfaccia 0-10V/1-10V è di 0,1mA. Di default la curva di dimming segue un andamento logaritmico\* proporzionale alla tensione di controllo.

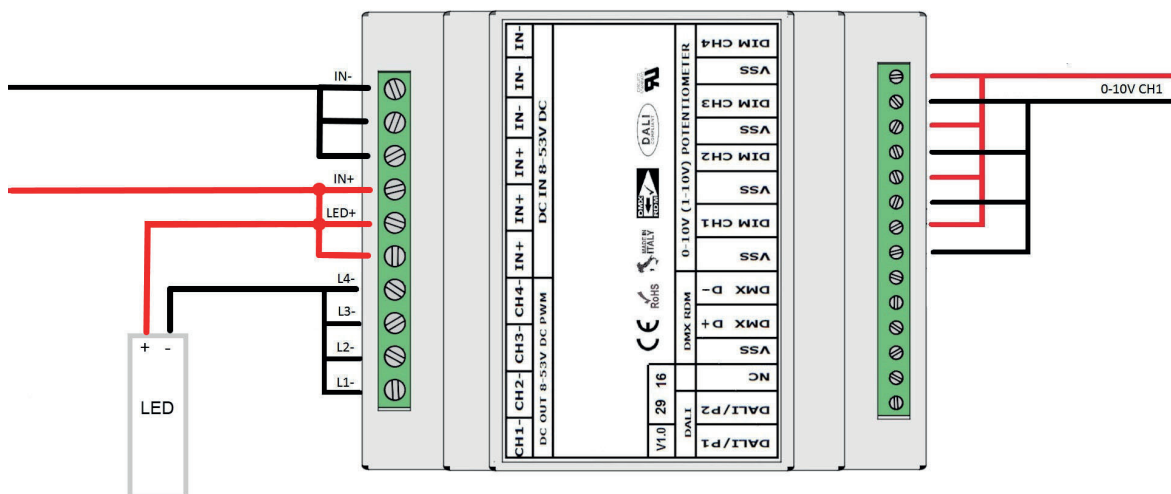
Un valore di tensione inferiore ad 1V viene interpretato come carico spento.

\*Tale impostazione è configurabile tramite l'interfaccia cod. L392MA00N0A01

Qui di seguito i collegamenti per le modalità potenziometro monocanale (100 Kohm) e 0-10V, 1-10V monocanale



COLLEGAMENTO POTENZIOMETRO MONOCANALE DM424 - FIGURA N. 12



COLLEGAMENTO 0-10V/1-10V MONOCANALE DM424 - FIGURA N. 13

Questa modalità consente il controllo del dimmer DM424 con segnali analogici ed uscite sincrone monocanale.

In base al cablaggio effettuato come da figure precedenti è possibile utilizzare un segnale 0-10V (1-10V) o in alternativa un potenziometro lineare con valore 100Kohm.

Tutti i canali di uscita verranno gestiti in maniera sincrona e proporzionale al segnale di ingresso.

La corrente max assorbita dal dimmer dall'interfaccia 0-10V/1-10V in modalità monocale è di 0,4mA.

Di default la curva di dimming segue un andamento logaritmico\* proporzionale alla tensione di controllo.

Un valore di tensione inferiore ad 1V viene interpretato come carico spento.

\*Tale impostazione è configurabile tramite l'interfaccia cod. PROGDM





Ad ogni pressione del tasto corrisponde una variazione nel programma in esecuzione come da tabella seguente.

P1	P2	P3	P4
<i>Shows e dissolvenze</i>	<i>Colori fissi (% canali R—G—B)</i>	<i>Spegnimento e accensione</i> <i>CH4 (Bianco)</i>	<i>Spegnimento e accensione</i>
1 ARCOBALENO LENTO	<b>1 Blocco Show e memorizzazione colore</b>	1 Pressione rapida: Spegnimento	1 Pressione rapida: Spegnimento
2 ARCOBALENO MEDIO	1 BIANCO (66%--100%--78%)		
3 ARCOBALENO VELOCE	2 BIANCO CALDO (100%--83%--5%)	2 Pressione rapida: Accensione	2 Pressione rapida: Accensione con memoria dell'ultimo spegnimento
4 DISSOLVENZA LENTA	3 BIANCO FREDDO (54%--100%--100%)		
5 DISSOLVENZA MEDIA	4 ROSSO (100%--00%--00%)		
6 DISSOLVENZA VELOCE	5 ARANCIO (100%--15%--00%)	3: Pressione lenta variazione intensità luminosa (2% - 100%)	3: Pressione lenta variazione intensità luminosa (2% - 100%)
7 DISSOLVENZA FREDDA LENTA	6 MANDARINO (100%--15%--00%)		
	7 MELONE (100%--47%--00%)		
8 DISSOLVENZA FREDDA MEDIA	8 LIMONE (100%--100%--00%)		
	9 LIME (70%--100%--00%)		
9 DISSOLVENZA FREDDA VELOCE	10 VERDE ACIDO (47%--100%--00%)		
	11 MELA VERDE (29%--100%--00%)		
10 DISSOLVENZA CALDA LENTA	12 VERDE FLUO (11%--100%--00%)		
	13 VERDE (00%--100%--00%)		
11 DISSOLVENZA CALDA MEDIA	14 VERDE ACQUA (00%--100%--10%)		
	15 CARAIBI (00%--100%--20%)		
12 DISSOLVENZA CALDA VELOCE	16 CIELO TERSO (00%--100%--45%)		
	17 AZZURRO (00%--100%--100%)		
13 DISSOLVENZA ROSSA LENTA	18 BLU MANGANESE (00%--43%--100%)		
	19 BLU (00%--00%--100%)		
14 DISSOLVENZA ROSSA MEDIA	20 IRIS (10%--00%--100%)		
	21 LAVANDA (17%--00%--100%)		
15 DISSOLVENZA ROSSA VELOCE	22 VIOLETTO (37%--00%--100%)		
	23 ROSA FLUO (65%--00%--100%)		
	24 ROSA TENUA (100%--47%--16%)		
	25 ROSA (100%--00%--100%)		
	26 ROSA SHOCKING (100%--00%--75%)		
	27 ROSA ACCESO (100%--00%--47%)		
	28 VIOLA (100%--00%--100%)		
	29 PORPORA (100%--00%--4%)		



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## APPLICAZIONE NEWLAB GO

Le funzionalità implementate sono:

Accensione, spegnimento e controllo del livello di luminosità di ogni singolo punto luce.

Possibilità di raggruppare e controllare insieme più punti luce con un semplice comando.

Creazione e richiamo di scenari luce preferiti.

Gestione dell'impianto da una unica interfaccia utente semplificata.

### IL COLLEGAMENTO TRAMITE BLUETOOTH LE NON NECESSITA DELLA PROCEDURA DI PAIRING

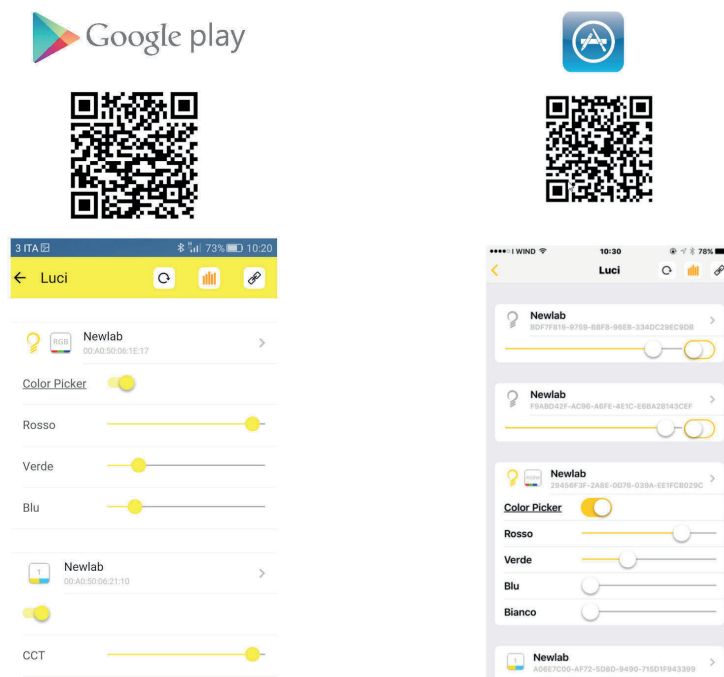
#### Funzionalità app Newlab Go (\* a seconda del device potranno essere disponibili solo alcune funzioni)

Gestione di dimmer a 1 o 4 canali con diverse modalità di funzionamento:

- Mono canale
- 4 canali sincronizzati
- RGB (3 Canali o 3 zone)
- RGB + White (4 Canali o 4 zone)
- Bianco Dinamico

Il salvataggio del livello di dimming avviene alla chiusura dell'app o alla disconnessione dei dispositivi dallo smartphone bluetooth.

Per installare l'app sul vostro dispositivo Apple o Android inquadrare il QRCode desiderato per essere reindirizzati automaticamente sulla scheda prodotto dell'applicazione Newlab Go.



Alternativamente è possibile scaricare l'app cliccando su uno dei due link:

Apple:

<https://itunes.apple.com/it/app/newlab-go/id1151044984?mt=8>

Android:

<https://play.google.com/store/apps/details?id=com.newlablight.newlabgo>

E' disponibile inoltre una videoguia su youtube al seguente link

<https://www.youtube.com/watch?v=R0c7MLK7Cbc>

E' disponibile inoltre una videoguia su youtube al seguente link

<https://www.youtube.com/watch?v=R0c7MLK7Cbc>

## CONFIGURAZIONE PARAMETRI

CLICCA SULLA CONFIGURAZIONE DESIDERATA PER VISUALIZZARE L'IMMAGINE DEL PROGRAMMATORE

Reset														
Configurazioni	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Reset	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON

Curva Dimming														
Configurazioni	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Logaritmica	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Lineare	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Fade														
Configurazioni	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Fade Off	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Fade On	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Cambio Modalità														
Configurazioni	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Ingresso Slave DMX-512/RDM 4 Canali	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Ingresso Slave DMX-512/RDM 4 Canali con possibilità di settaggio parametri	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
Ingresso Slave DMX-512/RDM monocanale	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Ingresso Slave DMX-512/RDM monocanale con possibilità di settaggio parametri	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
Ingresso DALI 4 Canali	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Ingresso DALI monocanale	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
Ingresso PUSH (NON ISOLATO) 4 canali indipendenti + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Ingresso PUSH (ISOLATO) monocanale + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
Ingresso Potenziometro Lineare (100KOhm), 0-10V, 1-10V 4 canali indipendenti	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Generatore Show Standalone con controllo trasmissione su bus DMX-512	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON

Indirizzo DMX														
Configurazioni	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Indirizzo 1	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 2	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 3	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 4	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 5	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 6	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 7	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 8	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 9	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 10	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 11	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 12	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF



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Indirizzo 13	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 14	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 15	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Indirizzo 16	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 17	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 18	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 19	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 20	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 21	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 22	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 23	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 24	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 25	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 26	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 27	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 28	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 29	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 30	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 31	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Indirizzo 32	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 33	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 34	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 35	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 36	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 37	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 38	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 39	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 40	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 41	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 42	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 43	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 44	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 45	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 46	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 47	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF
Indirizzo 48	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 49	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 50	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 51	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 52	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 53	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 54	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 55	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 56	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 57	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 58	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 59	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 60	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 61	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF



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Indirizzo 62	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 63	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Indirizzo 64	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 65	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 66	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 67	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 68	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 69	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 70	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 71	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 72	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 73	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 74	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 75	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 76	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 77	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 78	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 79	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
Indirizzo 80	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 81	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 82	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 83	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 84	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 85	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 86	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 87	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 88	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 89	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 90	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 91	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 92	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 93	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 94	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 95	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF
Indirizzo 96	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 97	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 98	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 99	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 100	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 101	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 102	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 103	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 104	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 105	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 106	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 107	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 108	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 109	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 110	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF



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Indirizzo 111	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Indirizzo 112	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 113	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 114	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 115	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 116	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 117	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 118	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 119	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Indirizzo 120	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 121	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 122	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 123	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 124	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 125	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 126	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 127	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Indirizzo 128	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 129	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 130	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 131	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 132	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 133	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 134	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 135	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 136	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 137	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 138	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 139	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 140	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 141	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 142	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 143	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Indirizzo 144	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 145	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 146	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 147	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 148	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 149	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 150	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 151	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 152	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 153	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 154	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 155	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 156	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 157	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 158	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Indirizzo 159	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF



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Indirizzo 160	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 161	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 162	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 163	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 164	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 165	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 166	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 167	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 168	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 169	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 170	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 171	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 172	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 173	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 174	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 175	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Indirizzo 176	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 177	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 178	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 179	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 180	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 181	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 182	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 183	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Indirizzo 184	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 185	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 186	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 187	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 188	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 189	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 190	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 191	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Indirizzo 192	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 193	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 194	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 195	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 196	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 197	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 198	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 199	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 200	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 201	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 202	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 203	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 204	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 205	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 206	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 207	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Indirizzo 208	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF





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Indirizzo 209	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 210	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 211	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 212	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 213	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 214	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 215	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Indirizzo 216	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 217	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 218	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 219	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 220	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 221	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 222	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 223	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Indirizzo 224	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 225	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 226	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 227	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 228	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 229	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 230	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 231	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Indirizzo 232	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 233	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 234	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 235	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 236	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 237	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 238	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 239	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Indirizzo 240	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 241	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 242	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 243	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 244	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 245	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 246	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 247	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Indirizzo 248	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 249	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 250	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 251	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 252	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 253	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 254	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 255	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Indirizzo 256	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 257	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF



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Indirizzo 258	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 259	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 260	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 261	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 262	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 263	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 264	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 265	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 266	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 267	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 268	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 269	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 270	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 271	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Indirizzo 272	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 273	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 274	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 275	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 276	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 277	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 278	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 279	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 280	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 281	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 282	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 283	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 284	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 285	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 286	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 287	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Indirizzo 288	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 289	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 290	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 291	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 292	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 293	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 294	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 295	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 296	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 297	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 298	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 299	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 300	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 301	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 302	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 303	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Indirizzo 304	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 305	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 306	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF



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Indirizzo 307	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 308	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 309	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 310	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 311	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Indirizzo 312	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 313	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 314	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 315	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 316	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 317	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 318	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 319	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Indirizzo 320	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 321	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 322	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 323	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 324	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 325	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 326	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 327	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 328	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 329	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 330	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 331	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 332	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 333	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 334	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 335	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Indirizzo 336	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 337	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 338	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 339	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 340	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 341	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 342	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 343	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Indirizzo 344	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 345	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 346	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 347	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 348	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 349	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 350	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 351	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Indirizzo 352	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 353	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 354	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 355	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF



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Indirizzo 356	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 357	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 358	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 359	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Indirizzo 360	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 361	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 362	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 363	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 364	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 365	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 366	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 367	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Indirizzo 368	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 369	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 370	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 371	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 372	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 373	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 374	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 375	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Indirizzo 376	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 377	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 378	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 379	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 380	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 381	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 382	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 383	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Indirizzo 384	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 385	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 386	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 387	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 388	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 389	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 390	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 391	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 392	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 393	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 394	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 395	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 396	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 397	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 398	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 399	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Indirizzo 400	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 401	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 402	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 403	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 404	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF



DM424

Centralina multifunzione 12-24-48 Vdc

Indirizzo 405	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 406	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 407	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Indirizzo 408	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 409	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 410	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 411	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 412	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 413	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 414	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 415	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Indirizzo 416	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 417	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 418	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 419	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 420	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 421	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 422	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 423	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Indirizzo 424	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 425	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 426	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 427	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 428	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 429	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 430	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 431	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Indirizzo 432	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 433	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 434	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 435	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 436	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 437	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 438	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 439	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Indirizzo 440	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 441	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 442	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 443	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 444	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 445	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 446	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 447	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Indirizzo 448	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 449	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 450	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 451	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 452	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 453	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF



DM424

Centralina multifunzione 12-24-48 Vdc

Indirizzo 454	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 455	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Indirizzo 456	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 457	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 458	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 459	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 460	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 461	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 462	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 463	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Indirizzo 464	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 465	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 466	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 467	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 468	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 469	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 470	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 471	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Indirizzo 472	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 473	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 474	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 475	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 476	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 477	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 478	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 479	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Indirizzo 480	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 481	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 482	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 483	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 484	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 485	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 486	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 487	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Indirizzo 488	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 489	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 490	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 491	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 492	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 493	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 494	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 495	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Indirizzo 496	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 497	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 498	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 499	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 500	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 501	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 502	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF



DM424

Centralina multifunzione 12-24-48 Vdc

Indirizzo 503	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF
Indirizzo 504	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 505	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 506	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 507	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 508	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 509	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 510	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 511	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Indirizzo 512	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

## ***SUBJECT INDEX:***

DESCRIPTION

TECHNICAL SPECIFICATION

DEVICE POWER SUPPLY AND CONNECTION TO THE LED MODULE

OPERATING MODES

INPUT SLAVE DMX-512/RDM 4 CHANNELS (DEFAULT)

INPUT SLAVE DMX-512/RDM 4 CHANNELS WITH PARAMETERS SETTING

INPUT SLAVE DMX-512/RDM SINGLE CHANNEL

INPUT SLAVE DMX-512/RDM SINGLE CHANNEL WITH PARAMETERS SETTING

INPUT DALI 4 CHANNELS

INPUT DALI SINGLE CHANNEL

INPUT PUSH (NOT ISOLATED) 4 INDIPENDENT CHANNELS + BLUETOOTH

INPUT PUSH (ISOLATED) SINGLE CHANNEL + BLUETOOTH

INPUT LINEAR POTENTIOMETER (100KOHM), 0-10V/1-10V (NOT ISOLATED) 4 INDIPENDENT CHANNELS

STANDALONE SHOW GENERATOR WITH TRANSMISSION OVER DMX-512 BUS

NEWLAB GO APPLICATION

PARAMETERS CONFIGURATION



4 channels Dimmers with Output Voltage PWM.

Input Range: 8-53V DC.

Output Voltage PWM 8-53V DC with current from 0A to 8A (384W at 48V DC) for single channel.

In single channel mode current from 0A to 32A (1536W at 48V).

Parallelisable output channels.

Controllable with Android/iOS app Newlab Go with different working modes:

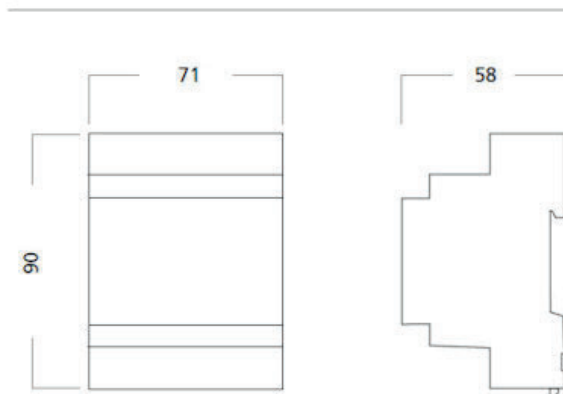
Single Channel, RGB, RGB + White, White tunable.

*In order to set working modes you will need the PROGDM interface sold separately.*



Input Controls	
Type	Qty
DMX512 RDM	1
Insulated Push button	1
Not insulated Push button	4
DALI	1
Linear Potentiometer 100K	4
0-10V Passive	4
1-10V Passive	4
Bluetooth LE	1

Output Sync	
Type	Qty
DMX512	1
PWM	4



## TECHNICAL NOTES

- 4 channels Dimmers with Output Voltage PWM.
- Input Range: 8-53V DC.
- Power 64W @ 8V, 96W @ 12V, 192W @ 24V, 384W @ 48V.
- Output Voltage PWM 8-53V DC with current from 0A to 8A (384W at 48V DC) for single channel.
- In single channel mode current from 0A to 32A (1536W at 48V).
- Parallelisable output channels.
- MASTER/SLAVE configuration for digital syncro with other Newlab Dimmer or DMX512A compatible device.
- Default Configuration: SLAVE DMX512A 4 Channel.
- L392MA00N0A01 interface (optional) is required to change operating mode.
- Input Controls: DMX512 RDM x1, Insulated Push button x1, Not insulated Push button x4, DALI x1, Linear Potentiometer 100K x4, 0-10V Passive x4, 1-10V Passive x4, Bluetooth LE x1.
- Output Sync: DMX512 x1, PWM x4.
- Notice on 0-10V (1-10V): this control circuits is not insulated, use only insulated 0-10V(1-10V) source generator.
- PWM Frequency: 390 Hz.
- Converter DALI to DMX.
- Thermal foldback: 150 C. Degrees on uC.
- Storage Temperature Min: -40 Max: 60 C. Degrees.
- Working Temperature Min: -20 Max: 50 C. Degrees.
- Printed Circuit UL.
- Protection Class: IP20.
- Weight: 98 gr.

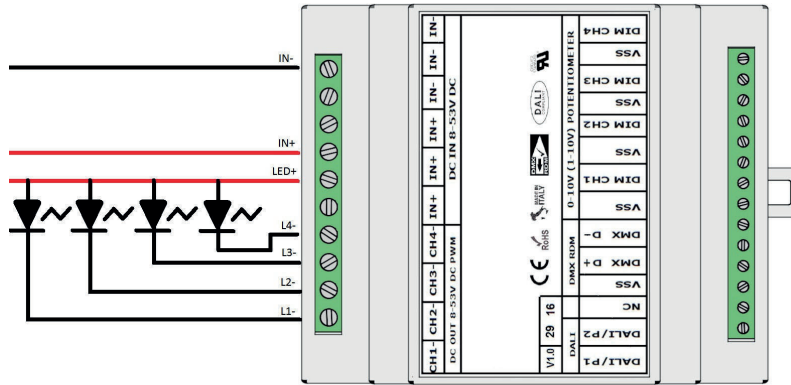

**DM424**
*12-24-48 Vdc multifunction controller*

- Standard Dimension 90x70x58 mm.
- Reverse polarity protection.
- Open circuit protection.
- Surge voltage protection.
- Over temperature protection.
- Short circuit protection.
- If the control voltage of the PUSH input is higher than the SELV voltage it is necessary to use the OPTIONAL terminal / cable cover to keep the product in CLASS II.
- Use only in dry conditions.



CODE	INPUT VOLTAGE	(MAX) OUTPUT CURRENT	N. OUTPUT CHANNELS	MAX OUTPUT POWER	CONTROL INPUTS	CASE	DIMENSION mm
DM424	8-53V DC	8A for single channel	4	384W at 48V DC for single channel 1536W at 48V DC total	DMX512 RDM x1 Insulated Push button x1 Not insulated Push button x4 DALI x1 Linear Potentiometer 100K x4 0-10V Passive x4 1-10V Passive x4 Bluetooth LE x1	YES	90x70 h 58

**DEVICE POWER SUPPLY AND CONNECTION TO THE LED MODULE**



**POWER SUPPLY CONNECTION DIAGRAM AND LED DM424 - FIGURE N. 1**

The DM424 dimmer has to be powered according to the polarity showed in FIG. 1 through the DC IN (+ and -) terminals.

In case the power supply polarity is inverted no damage will be caused to the device.

The LED load connection on DM424 (output constant voltage common anode) has to be made by using the IN+, CH1-, CH2-, CH3- and CH4- terminals like in the figure 1

In single-channel mode is recommended to shortcut the terminal CH1-, CH2-, CH3-, CH4- in order to distribute the load evenly.

## OPERATING MODES

DM424 devices can work on different operating modes.

Operating mode and configuration parameters (example: DMX address, Fade, etc ) can be programmed through the PROGDM programmer interface sold separately.

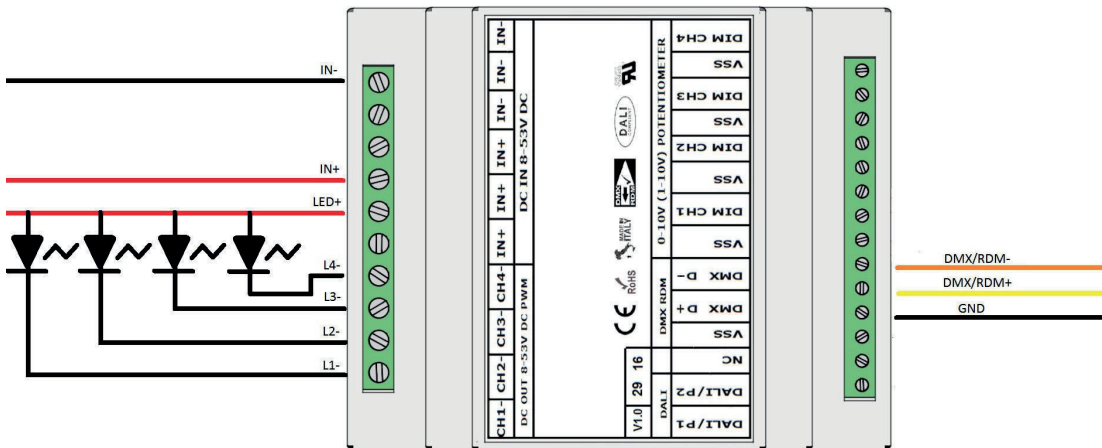
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

The supported operation modes are:

- INPUT SLAVE DMX-512/RDM 4 CHANNELS (DEFAULT)
- INPUT SLAVE DMX-512/RDM 4 CHANNELS WITH PARAMETERS SETTING
- INPUT SLAVE DMX-512/RDM SINGLE CHANNEL
- INPUT SLAVE DMX-512/RDM SINGLE CHANNEL WITH PARAMETERS SETTING
- INPUT DALI 4 CHANNELS
- INPUT DALI SINGLE CHANNEL
- INPUT PUSH (NON ISOLATED) 4 INDIPENDENT CHANNELS + BLUETOOTH
- INPUT PUSH (ISOLATED) SINGLE CHANNEL + BLUETOOTH
- INPUT LINEAR POTENTIOMETER (100Kohm), 0-10V/1-10V (NOT ISOLATED) 4 INDIPENDENT CHANNELS
- STANDALONE SHOW GENERATOR WITH TRANSMISSION OVER DMX-512 BUS

In all operating modes except SLAVE DMX512/RDM operating modes, DM424 devices convert input data received via DALI, PUSH, 0-10V, 1-10V, potentiometer, BLE interfaces and transmit them over DMX-512/RDM Bus on channels 1-2-3-4.

**INPUT SLAVE DMX-512/RDM 4 CHANNELS (DEFAULT)**



**BUS DMX512/RDM WIRING DIAGRAM DM424 - FIGURE N. 2**

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus. The device occupies 4 DMX-512/RDM channels starting from base address. The DMX base address (DEFAULT 1) can be set through RDM protocol or through the DM424 programmer interface.

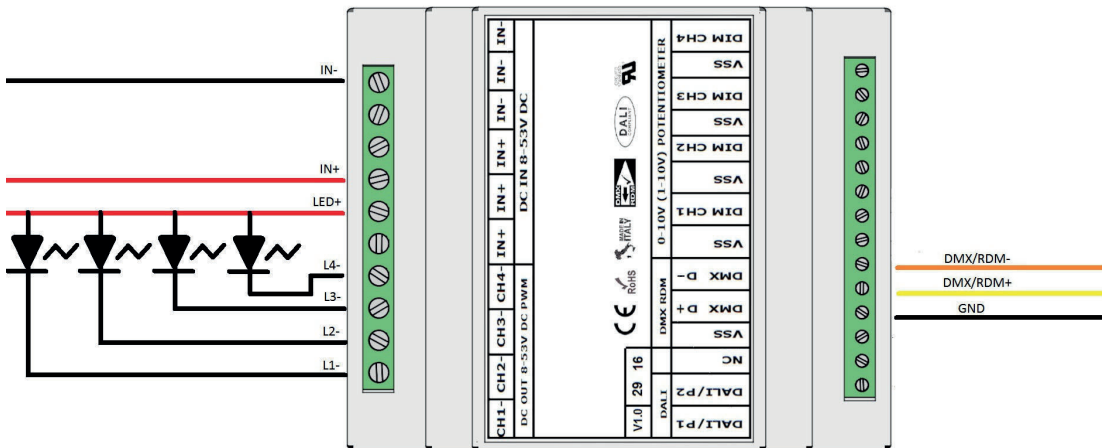
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode the device works with LINEAR CURVE and FADE is disabled.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS. CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**

**INPUT SLAVE DMX-512/RDM 4 CHANNELS WITH PARAMETERS SETTING**



**BUS DMX512/RDM WIRING DIAGRAM DM424 - FIGURE N. 3**

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus.

The device occupies 4 DMX-512/RDM channels starting from base address.

The DMX base address (DEFAULT 1) can be set through RDM protocol or through the PROGDM programmer interface.

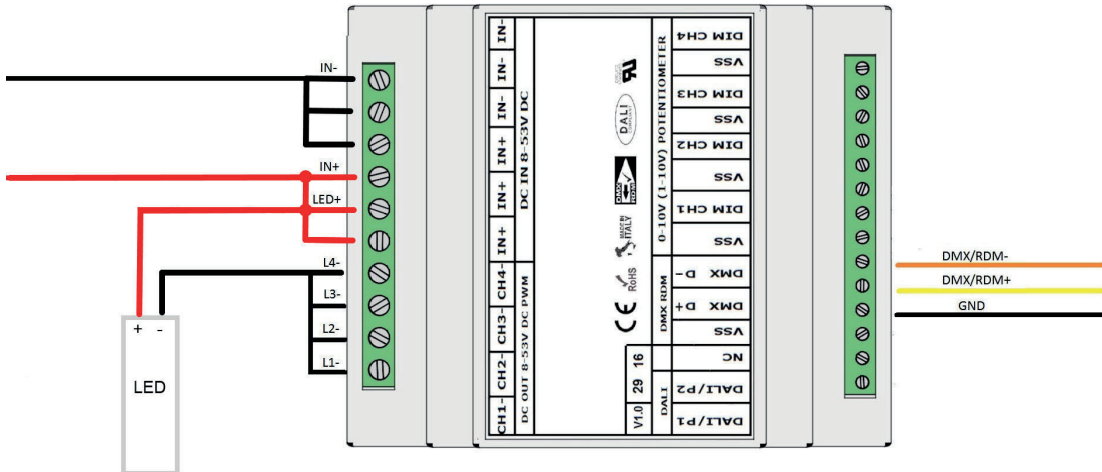
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode you can set the Dimming Curve (Logarithmic or Linear) and enable or disable the FADE.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS. CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**

**INPUT SLAVE DMX-512/RDM SINGLE CHANNEL**



**BUS DMX512/RDM WIRING DIAGRAM DM424 - FIGURE N. 4**

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus with single channel feature. The device occupies 1 DMX-512/RDM channel.

The device in this operating mode is able to handle up to a total of 32A .

The DMX base address (DEFAULT 1) can be set through RDM protocol or through the PROGDM programmer interface.

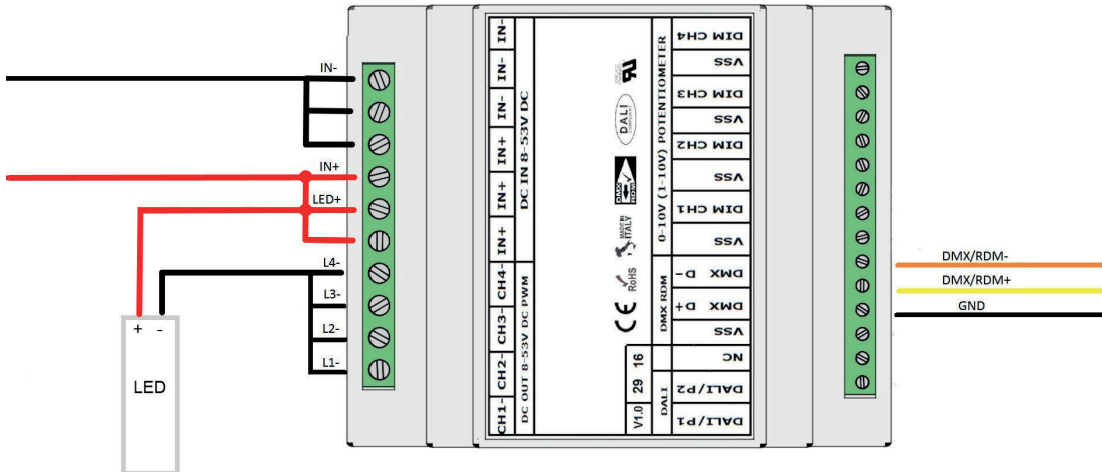
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

In this operation mode the device works with LINEAR CURVE and FADE is disabled.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS. CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**

**INPUT SLAVE DMX-512/RDM SINGLE CHANNEL WITH PARAMETERS SETTING**



**BUS DMX512/RDM WIRING DIAGRAM DM424 - FIGURE N. 5**

In this operating mode (DEFAULT) the device can be driven via DMX-512/RDM bus with single channel feature. The device occupies 1 DMX-512/RDM channel.

In this operating mode the device is able to handle up to a total of 32A .

The DMX base address (DEFAULT 1) can be set through RDM protocol or through the PROGDM programmer interface.

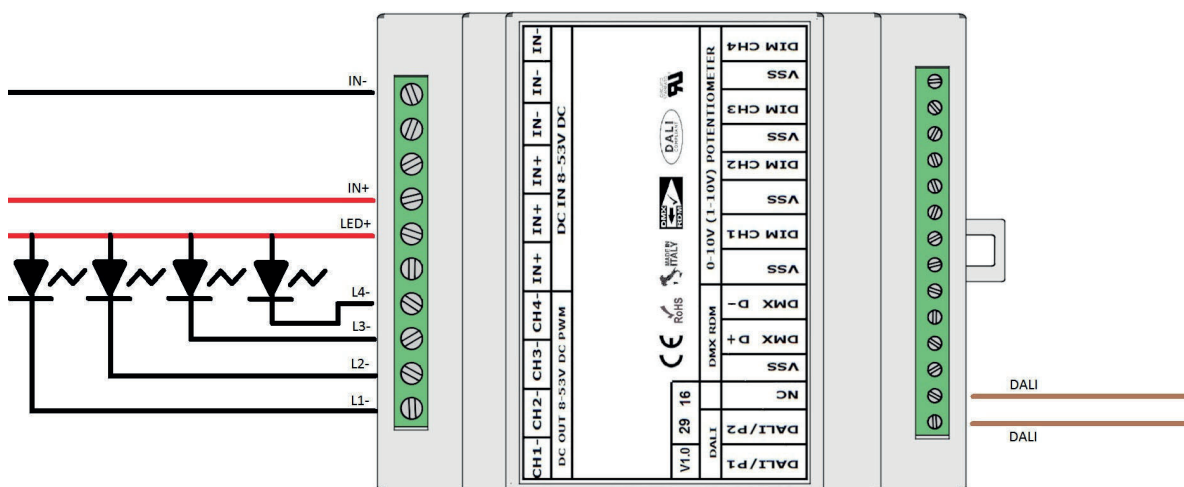
In this operation mode you can set the Dimming Curve (Logarithmic or Linear) and enable or disable the FADE.

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

**ATTENTION: IN ORDER TO MAKE THE DMX BUS OPERATE CORRECTLY YOU MUST CONNECT TOGETHER ALL GND TERMINALS OF THE DEVICES CONNECTED TO THE BUS. CONNECT THE TERMINAL VSS LIKE IN THE FIGURE ABOVE.**

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**



**INPUT DALI 4 CHANNELS**


DALI WIRING DIAGRAM DM424 - FIGURE N. 6

In this operating mode the dimmer DM424 works as DALI 4 Channels dimmer.  
During the addressing phase the device is seen by DALI bus like 4 independent devices.

The maximum current absorbed by DALI Bus is about 2mA.

In this operating mode parameters received via DALI Bus will be sent via DMX512/RDM on fixed channels 1-2-3-4:

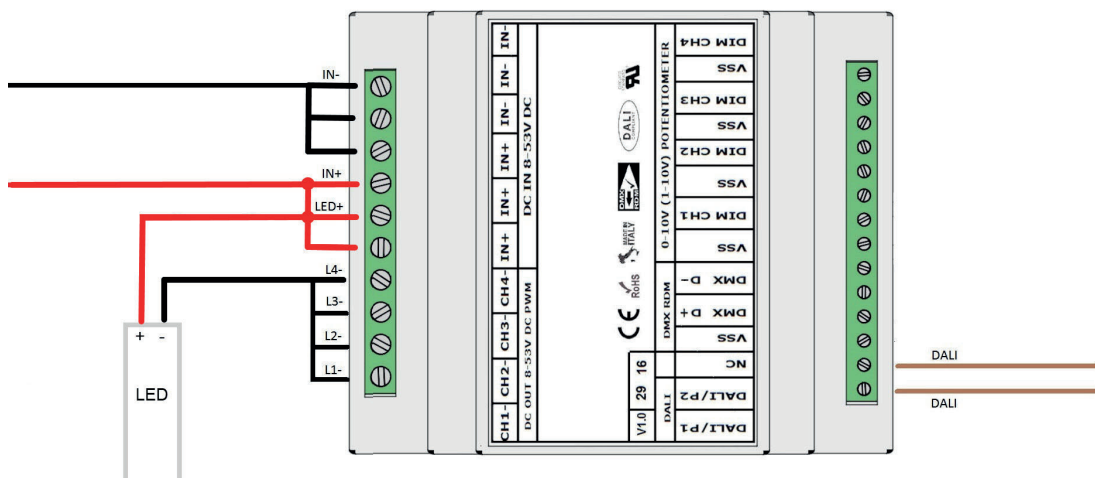
FIRST DEVICE DALI -> DMX512 ADDRESS 1  
SECOND DEVICE DALI -> DMX512 ADDRESS 2  
THIRD DEVICE DALI -> DMX512 ADDRESS 3  
FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**

Below you can find the implemented standard commands:

DIRECT ARC POWER	QUERY STATUS
OFF	QUERY BALLAST
UP	QUERY LAMP POWER ON
DOWN	QUERY LIMIT ERROR
STEP UP	QUERY RESET STATE
STEP DOWN	QUERY MISSING SHORT ADDRESS
RECALL MAX LEVEL	QUERY VERSION NUMBER
RECALL MIN LEVEL	QUERY DEVICE TYPE
STEP DOWN AND OFF	QUERY PHISICAL MINIMUM LEVEL
ON AND STEP UP	QUERY POWER FAILURE
GO TO SCENE (0-15)	QUERY CONTENT DTR1
RESET	QUERY CONTENT DTR2
STORE ACTUAL LEVEL IN THE DTR	QUERY ACTUAL LEVEL
STORE THE DTR AS MAX LEVEL	QUERY MAX LEVEL
STORE THE DTR AS MIN LEVEL	QUERY MIN LEVEL
STORE THE DTR AS SYSTEM FAILURE LEVEL	QUERY POWER ON LEVEL
STORE THE DTR AS POWER ON LEVEL	QUERY SYSTEM FAILURE LEVEL
STORE THE DTR AS FADE TIME	QUERY FADE TIME/FADE RATE
STORE THE DTR AS FADE RATE	QUERY SCENE LEVEL (0-15)
STORE THE DTR AS SCENE (0-15)	QUERY GROUPS (0-7)
REMOVE FROM SCENE (0-15)	QUERY GROUPS (8-15)
ADD TO GROUP (0-15)	QUERY RANDOM ADDRESS H
REMOVE FROM GROUP (0-15)	QUERY RANDOM ADDRESS M
STORE DTR AS SHORT ADDRESS	QUERY RANDOM ADDRESS L

**INPUT DALI SINGLE CHANNEL**

**DALI WIRING DIAGRAM DM424 - FIGURE N. 7**

In this operating mode the dimmer DM424 works as DALI single Channel dimmer. The maximum current absorbed by DALI Bus is about 2mA.

In this operating mode parameters received via DALI Bus will be sent via DMX512/RDM on fixed channels 1-2-3-4:

- FIRST DEVICE DALI -> DMX512 ADDRESS 1
- SECOND DEVICE DALI -> DMX512 ADDRESS 2
- THIRD DEVICE DALI -> DMX512 ADDRESS 3
- FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED**

Below you can find the implemented standard commands:

DIRECT ARC POWER

OFF

UP

DOWN

STEP UP

STEP DOWN

RECALL MAX LEVEL

RECALL MIN LEVEL

STEP DOWN AND OFF

ON AND STEP UP

GO TO SCENE (0-15)

RESET

STORE ACTUAL LEVEL IN THE DTR

STORE THE DTR AS MAX LEVEL

STORE THE DTR AS MIN LEVEL

STORE THE DTR AS SYSTEM FAILURE LEVEL

STORE THE DTR AS POWER ON LEVEL

STORE THE DTR AS FADE TIME

STORE THE DTR AS FADE RATE

STORE THE DTR AS SCENE (0-15)

REMOVE FROM SCENE (0-15)

ADD TO GROUP (0-15)

REMOVE FROM GROUP (0-15)

STORE DTR AS SHORT ADDRESS

QUERY STATUS

QUERY BALLAST

QUERY LAMP POWER ON

QUERY LIMIT ERROR

QUERY RESET STATE

QUERY MISSING SHORT ADDRESS

QUERY VERSION NUMBER

QUERY DEVICE TYPE

QUERY PHYSICAL MINIMUM LEVEL

QUERY POWER FAILURE

QUERY CONTENT DTR1

QUERY CONTENT DTR2

QUERY ACTUAL LEVEL

QUERY MAX LEVEL

QUERY MIN LEVEL

QUERY POWER ON LEVEL

QUERY SYSTEM FAILURE LEVEL

QUERY FADE TIME/FADE RATE

QUERY SCENE LEVEL (0-15)

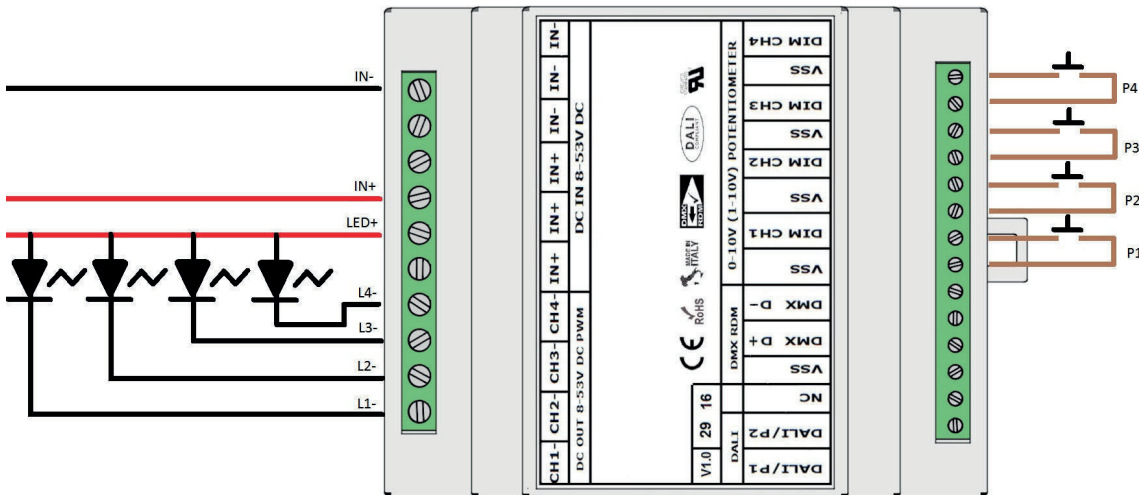
QUERY GROUPS (0-7)

QUERY GROUPS (8-15)

QUERY RANDOM ADDRESS H

QUERY RANDOM ADDRESS M

QUERY RANDOM ADDRESS L

**INPUT PUSH (NOT ISOLATED) 4 INDEPENDENT CHANNELS + BLUETOOTH**

**PUSH INTERFACE WIRING DIAGRAM DM424 - FIGURE N. 8**

In this operating mode it is possible to drive the 4 output channels just pressing 4 buttons N.O. connected like in the figure 8.

In this operating mode it is also possible to drive the dimmer via Newlab Go App for iOS and Android. See the section in this manual for more information

**PUSH interface operation**
*Single Click (rapid press (<1sec))*

- Turns on or off the output (ON/OFF).

*Double Click (rapid press (<1sec))*

- Sets maximum brightness (output= 100%)

*Long Press (long press (>1sec))*

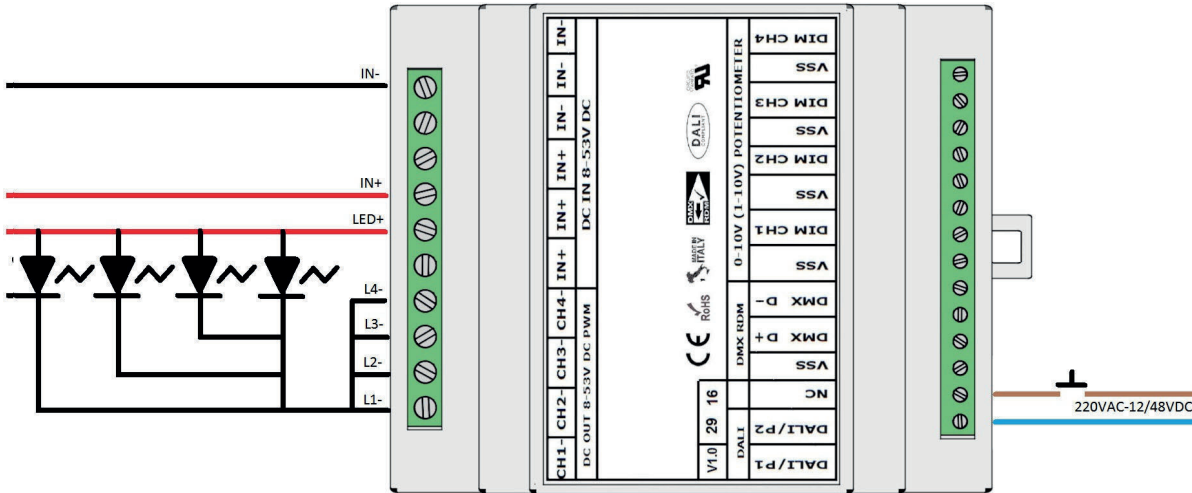
- If the dimmer is in OFF position, it sets the output to the minimum value (default= 1%)  
 - If the dimmer is in ON position, the long press enables the output dimming (up/down).

In this operating mode parameters received via PUSH interface will be sent via DMX512/RDM on fixed channels 1-2-3-4:

FIRST DEVICE DALI -> DMX512 ADDRESS 1  
 SECOND DEVICE DALI -> DMX512 ADDRESS 2  
 THIRD DEVICE DALI -> DMX512 ADDRESS 3  
 FOURTH DEVICE DALI -> DMX512 ADDRESS 4

See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.

**INPUT PUSH (ISOLATED) SINGLE CHANNEL + BLUETOOTH**



**PUSH INTERFACE WIRING DIAGRAM DM424 - FIGURE N. 9**

In this operating mode it is possible to drive the 4 output channels just pressing 1 button N.O. connected like in the figure 9.

In this operating mode the device is able to handle up to a total of 32A .

In this operating mode it is also possible to drive the dimmer via Newlab Go App for iOS and Android. See the section in this manual for more information

**PUSH interface operation**

*Single Click (rapid press (<1sec))*

- Turns on or off the output (ON/OFF).

*Double Click (rapid press (<1sec))*

- Sets maximum brightness (output= 100%)

*Long Press (long press (>1sec))*

- If the dimmer is in OFF position, it sets the output to the minimum value (default= 1%)  
 - If the dimmer is in ON position, the long press enables the output dimming (up/down).

In this operating mode parameters received via PUSH interface will be sent via DMX512/RDM on fixed channels 1-2-3-4:

- FIRST DEVICE DALI -> DMX512 ADDRESS 1
- SECOND DEVICE DALI -> DMX512 ADDRESS 2
- THIRD DEVICE DALI -> DMX512 ADDRESS 3
- FOURTH DEVICE DALI -> DMX512 ADDRESS 4

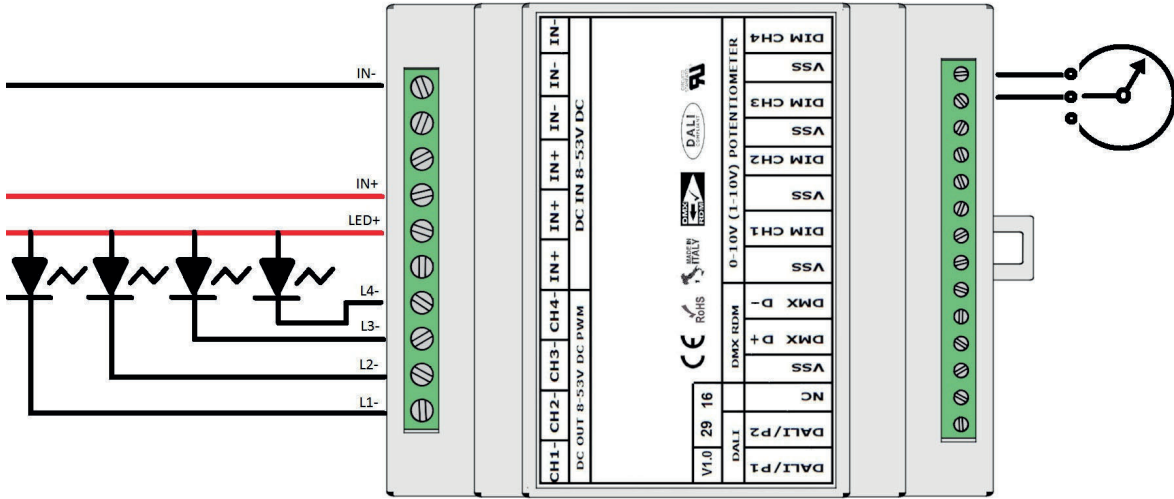
See parameters configuration section in this manual or consult newlabacademy App on iOS or Android.



DM424

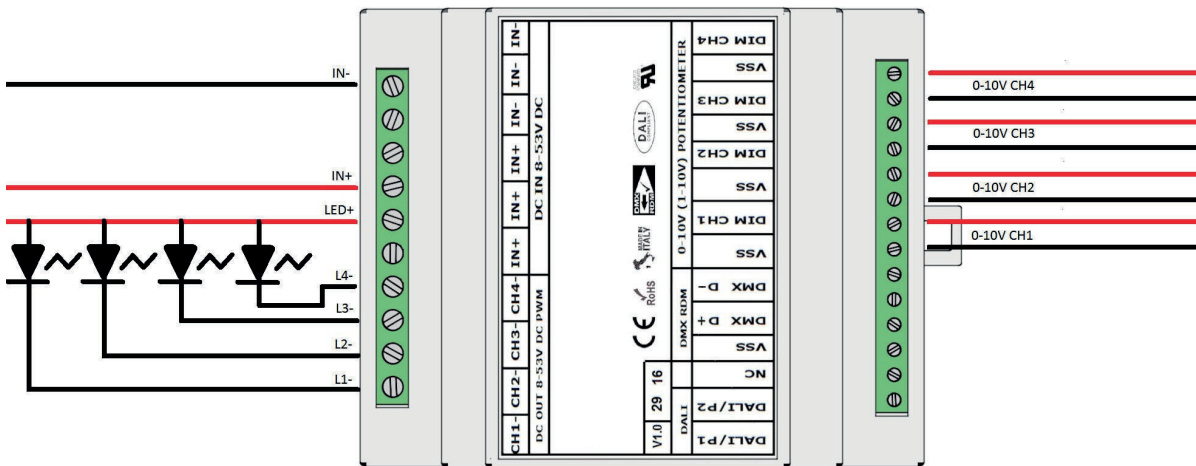
12-24-48 Vdc multifunction controller

**INPUT LINEAR POTENTIOMETER (100KOHM), 0-10V/1-10V (NOT ISOLATED) 4 INDEPENDENT CHANNELS**



POTENTIOMETER WIRING DIAGRAM DM424

(THE FIGURE SHOW ONLY THE CONNECTION OF CHANNEL 4) - FIGURE N. 10



WIRING DIAGRAM 0-10V/1-10V DM424 - FIGURE N. 11

In this operating mode it is possible to drive the dimmer DM424 with analog signals. Depending on the wiring diagram in the previous figures it is possible to use a 0-10V (1-10V) signal or a 100Kohm linear potentiometer. Each input analog channel drive the luminosity of corresponding output channel. The maximum current absorbed by the dimmer driven with 0-10V/1-10V signal is about 0,1mA. The default dimming curve is logarithmic\* and follows proportionally the input voltage control.

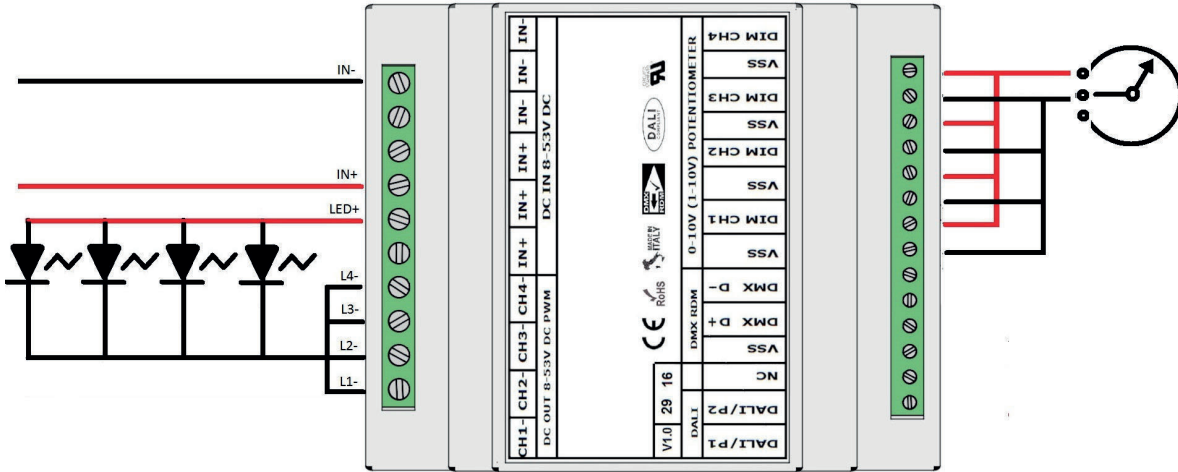


DM424

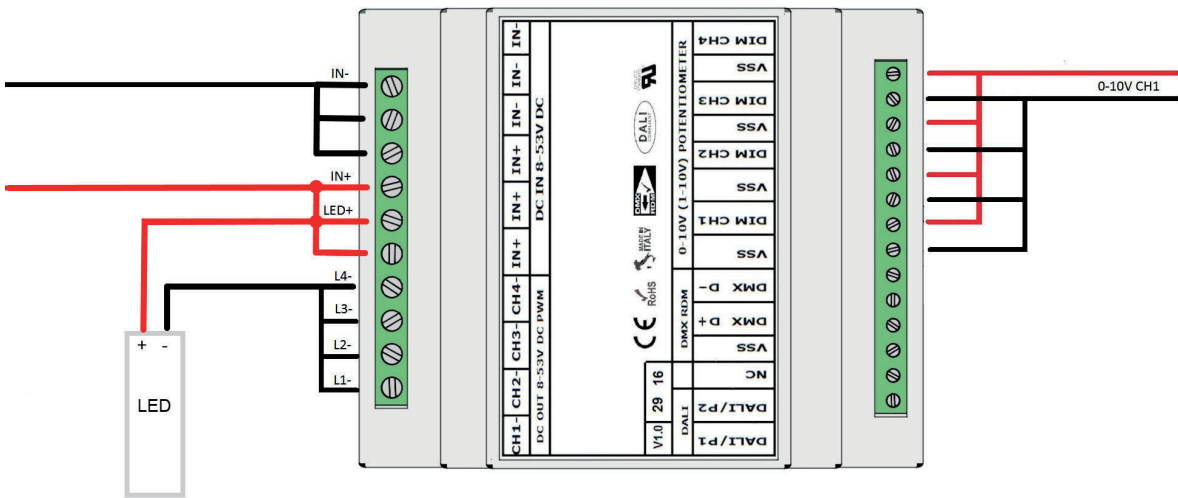
12-24-48 Vdc multifunction controller

\*This setting can be configured via PROGDM programmer interface

A voltage low than 1V is interpreted as off load.  
In the pictures above the wiring diagrams for single channel operating mode potentiometer (100 Kohm) and 0-10V, 1-10V.



POTENTIOMETER WIRING DIAGRAM SINGLE CHANNEL DM424 - FIGURE N. 12



0-10V/1-10V WIRING DIAGRAM SINGLE CHANNEL DM424 - FIGURE N. 13

This mode allows control of DM424 dimmer with analog signals and outputs synchronous channel. Depending on the wiring diagram in the previous figures it is possible to use a 0-10V (1-10V) signal or a 100Kohm linear potentiometer.

All output channels will be handle synchronously and proportionally to the input signals. The maximum current absorbed by the dimmer driven with 0-10V/1-10V signal in single channel mode is about 0,4mA.

The default dimming curve is logarithmic\* and follows proportionally the input voltage control.

\*This setting can be configured via PROGDM programmer interface

A voltage low than 1V is interpreted as off load.

**STANDALONE SHOW GENERATOR WITH TRANSMISSION OVER DMX-512 BUS**

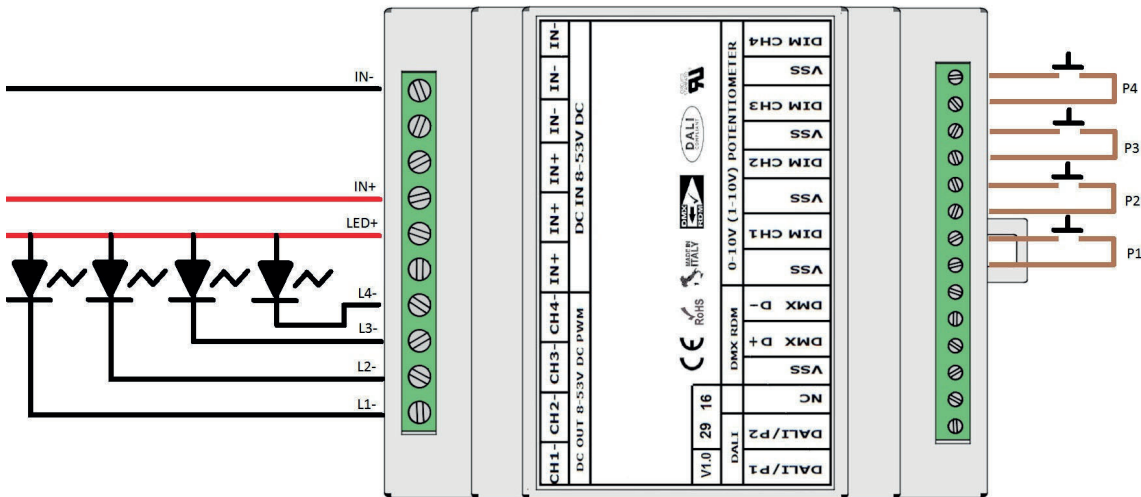


FIGURE N. 14

In this operating mode the dimmer DM424 work as DMX preloaded show generator with 4 buttons N.O. connected like in the figure 14.

**IN THIS OPERATING MODE THE BLE (Bluetooth) CONTROL IS DISABLED ON FIRMWARE PRIOR TO RELEASE 3.2**

Each press of the button changes the running program according to the following table.

P1	P2	P3	P4
<i>Shows and Fades</i>	<i>Fixed Color (Channel % R—G—B)</i>	<i>Power ON and Power OFF</i>	<i>Power ON and Power OFF</i>
		<i>CH4 (White)</i>	
1 RAINBOW SLOW	<b>1 Show lock and store color</b>	1 Quick press: Power OFF	1 Quick press: Power OFF
2 RAINBOW MEDIUM	1 WHITE (66%--100%--78%)		
3 RAINBOW FAST	2 WARM WHITE (100%--83%--5%)	2 Quick press: Power ON	2 Quick press: Power ON and memory recall to the last shutdown
4 SLOW FADE	3 COLD WHITE (54%--100%--100%)		
5 FADE MEDIUM	4 RED (100%--00%--00%)		
6 FADE FAST	5 ORANGE (100%--15%--00%)	3: Long press variation in light intensity (2% - 100%)	3: Long press variation in light intensity (2% - 100%)
7 COLD FADE SLOW	6 TANGERIN (100%--15%--00%)		
	7 MELON (100%--47%--00%)		
8 COLD FADE MEDIUM	8 LEMON (100%--100%--00%)		
	9 LIME (70%--100%--00%)		
9 COLD FADE FAST	10 ACID GREEN (47%--100%--00%)		
	11 GREEN APPLE (29%--100%--00%)		
10 WARM FADE SLOW	12 FLUO GREEN (11%--100%--00%)		
	13 GREEN (00%--100%--00%)		
11 WARM FADE MEDIUM	14 WATER GREEN (00%--100%--10%)		
	15 CARIBBEAN (00%--100%--20%)		
12 WARM FADE FAST	16 CLEAR SKY (00%--100%--45%)		
	17 LIGHT BLUE (00%--100%--100%)		
13 SLOW RED FADE	18 BLUE MANGANESE (00%--43%--100%)		
	19 BLUE (00%--00%--100%)		
14 MEDIUM RED FADE	20 IRIS (10%--00%--100%)		
	21 LAVENDER (17%--00%--100%)		
15 FAST RED FADE	22 LIGHT VIOLET (37%--00%--100%)		
	23 FLUO PINK (65%--00%--100%)		
	24 LIGHT PINK (100%--47%--16%)		
	25 PINK (100%--00%--100%)		
	26 SHOCKING PINK (100%--00%--75%)		
	27 BRIGHT PINK(100%--00%--47%)		
	28 VIOLET (100%--00%--100%)		
	29 PURPLE (100%--00%--4%)		



## NEWLAB GO APPLICATION

The implemented features are:

Switching on and off and the brightness level control of each individual light point.

Ability to group together and control several light points with just a simple command.

Creation and recall of your favourite lighting sceneries.

The system management from a single simplified user interface.

### THE BLUETOOTH LE CONNECTION DOES NOT REQUIRE PAIRING PROCEDURE

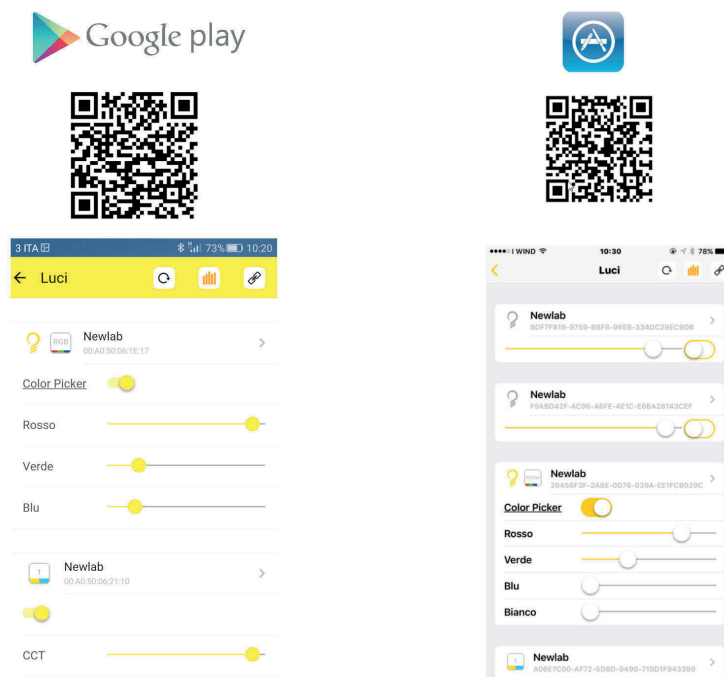
#### Newlab Go App features (\* depending on the device only some functions may be available)

Dimmer management at 1 or 4 channels with different modes of operation:

- Mono channel
- 4 synchronized channels
- RGB (3 channels or 3 zones)
- RGB + White (4 channels or 4 zones)
- Dynamic White

The dimming level is saved when the app is closed or the devices are disconnected from the Bluetooth smartphone.

In order to install the app on your Apple or Android device you need to scan the desired QRCode to be automatically redirected to the product data sheet of the Newlab Go application.



As an alternative you can download the app by clicking on one of two links below:

Apple:

<https://itunes.apple.com/it/app/newlab-go/id1151044984?mt=8>

Android:

<https://play.google.com/store/apps/details?id=com.newlablight.newlabgo>

There is also a video guide on YouTube at the following link:

<https://www.youtube.com/watch?v=R0c7MLK7Cbc>

There is also a video guide on YouTube at the following link:

<https://www.youtube.com/watch?v=R0c7MLK7Cbc>


**DM424**
*12-24-48 Vdc multifunction controller*

## PARAMETERS CONFIGURATION

CLICK ON THE WANTED CONFIGURATION TO VIEW PROGRAMMER IMAGE

Reset														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Reset	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON

Dimming Curve														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Logarithmic	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Linear	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Fade														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Fade Off	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Fade On	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

Change Mode														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Input Slave DMX-512/RDM 4 channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Input Slave DMX-512/RDM 4 channels with parameter settings	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
Input Slave DMX-512/RDM single channel	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Input Slave DMX-512/RDM single channel with parameter settings	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
Input DALI 4 channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Input DALI single channel	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
Input PUSH (NOT ISOLATED) 4 independent channels + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Input PUSH (ISOLATED) single channel + Bluetooth	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
Input Linear Potentiometer (100KOhm), 0-10V, 1-10V 4 independent channels	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
Standalone Show Generator with transmission control over DMX-512 bus	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON

DMX Address														
Configuration	A	B	C	D	1	2	3	4	5	6	7	8	9	10
Address 1	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 2	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 3	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 4	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 5	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 6	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 7	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Address 8	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 9	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 10	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 11	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 12	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 13	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF



DM424

12-24-48 Vdc multifunction controller

Address 14	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 15	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
Address 16	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 17	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 18	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
Address 19	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
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Address 21	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF
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Address 25	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
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Address 27	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 28	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 29	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 30	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 31	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
Address 32	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
Address 33	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
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Address 60	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 61	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 62	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF



DM424

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Address 63	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF
Address 64	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
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Address 68	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
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Address 87	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF
Address 88	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	OFF
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Address 96	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 97	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 98	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
Address 99	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
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Address 104	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 105	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 106	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 107	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF
Address 108	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 109	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 110	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF
Address 111	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF



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Address 112	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 113	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 114	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 115	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF
Address 116	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 117	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 118	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 119	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF
Address 120	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 121	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 122	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 123	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF
Address 124	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 125	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 126	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 127	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
Address 128	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 129	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 130	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 131	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 132	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 133	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 134	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 135	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF
Address 136	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 137	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 138	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 139	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 140	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 141	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 142	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 143	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF
Address 144	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 145	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 146	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 147	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 148	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 149	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 150	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 151	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF
Address 152	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 153	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 154	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 155	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF
Address 156	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 157	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 158	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 159	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF
Address 160	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF



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Address 161	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 162	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 163	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 164	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 165	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 166	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 167	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF
Address 168	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 169	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 170	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 171	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
Address 172	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 173	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 174	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 175	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF
Address 176	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 177	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 178	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 179	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF
Address 180	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 181	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 182	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 183	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF
Address 184	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 185	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 186	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 187	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF
Address 188	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 189	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 190	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 191	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF
Address 192	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 193	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 194	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 195	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 196	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 197	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 198	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 199	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF
Address 200	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 201	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 202	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 203	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF
Address 204	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 205	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 206	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 207	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
Address 208	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 209	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF



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Address 210	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 211	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
Address 212	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 213	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 214	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 215	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF
Address 216	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 217	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 218	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 219	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF
Address 220	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 221	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 222	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 223	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF
Address 224	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 225	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 226	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 227	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
Address 228	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 229	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 230	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 231	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF
Address 232	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 233	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 234	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 235	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
Address 236	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 237	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 238	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 239	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF
Address 240	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 241	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 242	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 243	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF
Address 244	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 245	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 246	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 247	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF
Address 248	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 249	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 250	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 251	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF
Address 252	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 253	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 254	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 255	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF
Address 256	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 257	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 258	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF





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Address 259	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 260	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 261	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 262	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 263	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
Address 264	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 265	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 266	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 267	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 268	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 269	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 270	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 271	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF
Address 272	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 273	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 274	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 275	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 276	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 277	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 278	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 279	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
Address 280	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 281	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 282	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 283	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF
Address 284	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 285	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 286	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 287	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF
Address 288	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 289	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 290	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 291	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 292	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 293	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 294	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 295	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF
Address 296	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 297	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 298	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 299	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF
Address 300	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 301	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 302	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 303	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF
Address 304	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 305	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 306	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF
Address 307	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF



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Address 308	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 309	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 310	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 311	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF
Address 312	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 313	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 314	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 315	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF
Address 316	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 317	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 318	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 319	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF
Address 320	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 321	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 322	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 323	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 324	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 325	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 326	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 327	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF
Address 328	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 329	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 330	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 331	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF
Address 332	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 333	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 334	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 335	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF
Address 336	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 337	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 338	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 339	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF
Address 340	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 341	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 342	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 343	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	OFF
Address 344	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 345	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 346	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 347	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF
Address 348	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 349	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 350	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 351	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	OFF
Address 352	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 353	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 354	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 355	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
Address 356	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF



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Address 357	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 358	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 359	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	OFF
Address 360	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 361	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 362	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 363	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF
Address 364	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 365	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 366	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 367	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	OFF
Address 368	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 369	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 370	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 371	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	OFF
Address 372	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 373	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 374	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 375	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	OFF
Address 376	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 377	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 378	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 379	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF
Address 380	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 381	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 382	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 383	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF	ON	OFF
Address 384	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 385	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 386	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 387	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 388	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 389	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 390	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 391	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	OFF
Address 392	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 393	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 394	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 395	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF
Address 396	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 397	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 398	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 399	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	OFF
Address 400	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 401	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 402	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 403	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF
Address 404	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 405	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF



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Address 406	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 407	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	OFF
Address 408	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 409	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 410	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 411	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF
Address 412	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 413	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 414	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 415	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
Address 416	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 417	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 418	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 419	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
Address 420	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 421	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 422	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 423	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	OFF
Address 424	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 425	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 426	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 427	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF
Address 428	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 429	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 430	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 431	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	OFF
Address 432	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 433	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 434	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 435	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	OFF
Address 436	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 437	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 438	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 439	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	OFF
Address 440	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 441	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 442	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 443	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF
Address 444	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 445	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 446	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 447	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF	ON	ON	OFF
Address 448	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 449	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 450	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 451	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
Address 452	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 453	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	OFF



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Address 454	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 455	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	OFF
Address 456	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 457	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 458	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 459	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF
Address 460	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 461	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 462	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 463	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	OFF
Address 464	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 465	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 466	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 467	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	OFF
Address 468	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 469	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 470	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 471	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	OFF
Address 472	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 473	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 474	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 475	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF
Address 476	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 477	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 478	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 479	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	ON	ON	ON	OFF
Address 480	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 481	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 482	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 483	OFF	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	OFF
Address 484	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 485	OFF	ON	OFF	ON	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 486	OFF	ON	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 487	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	OFF
Address 488	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 489	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 490	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 491	OFF	ON	OFF	ON	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF
Address 492	OFF	ON	OFF	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 493	OFF	ON	OFF	ON	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 494	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 495	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	ON	ON	ON	ON	OFF
Address 496	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 497	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 498	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 499	OFF	ON	OFF	ON	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF
Address 500	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 501	OFF	ON	OFF	ON	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF



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Address 502	OFF	ON	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 503	OFF	ON	OFF	ON	ON	ON	ON	OFF	ON	ON	ON	ON	ON	OFF
Address 504	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 505	OFF	ON	OFF	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 506	OFF	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 507	OFF	ON	OFF	ON	ON	ON	OFF	ON	ON	ON	ON	ON	ON	OFF
Address 508	OFF	ON	OFF	ON	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	OFF
Address 509	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	ON	ON	OFF
Address 510	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Address 511	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Address 512	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON