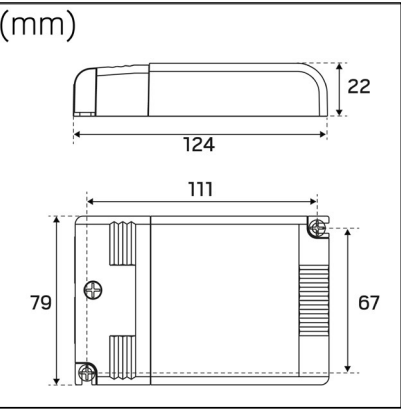


Jolly Maxi US/DALI/Casambi

hidealite



- !
- DO NOT install with power applied to device.
 - DO NOT expose the device to moisture.
 - Installera INTE med ström ansluten till enheten.
 - Utsätt INTE enheten för fukt.

Features Jolly Maxi US/DALI/Casambi

- Multipower driver supplied with dip-switch for selection of the output current.
- IP20 driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Active Power Factor Corrector.
- Analogical input (NTC) for thermal sensor connection.
- Auxiliary output 12 V max. 100 mA.
- Current regulation $\pm 5\%$ including temperature variations.
- Input and output terminal blocks on the same side (wire cross-section up to 2.5 mm^2 / AWG13)
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm^2 – max. 8 mm^2 .
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Thermal protection = C.5.a.
- Jolly Maxi US/DALI** AM/PWM dimming.
- Jolly Maxi Casambi** AM dimming.

E-nr	Snro	El.nr	GTIN	Name
79 806 51	40 113 45	66 043 11	7392971124155	Jolly Maxi US ¹
79 806 52	40 113 46	66 043 12	7392971124162	Jolly Maxi US Dali ²
79 825 90	40 114 62	66 003 67	7392971151496	Jolly Maxi US Casambi ³

CE

IP20

DIM

PUSH 230V

SELV

110

DIP SWITCH POWER

1,2

1,2

2

3

0-10V1-10VDALICASAMBI LR

For explanation of symbols see www.hidealite.se

SAFETY INSTRUCTIONS

- en
- sv
- fi
- no
- da
- de
- fr
- pl
- Read these instructions carefully before commencing installation and retain for future reference. All connections to the driver must only be made by a qualified electrician or a person with the necessary expertise in electrical installation in accordance with the relevant rules and standards. Make sure that the power is off before installation or maintenance.

Läs dessa instruktioner före installationen påbörjas och lämna den vidare till brukaren av anläggningen. All anslutning till drivdonet får endast utföras av behörig elektriker eller person med nödig kännedom om elektrisk installation i enlighet med gällande regler och standard. Se till att spänningen är franslagen före installation eller underhåll.

Lue nämä ohjeet ennen asentamista ja luovuta ohjeet valaisimen seuraavalle käyttäjälle. Kytkenäät ohjaimeen saa tehdä ainoastaan pätevä sähköasentaja tai sähköasennukset hallitseva henkilö voimassa olevien määräysten ja standardien mukaisesti. Varmista, että jännite on kytketty päältä ennen asennusta ja huoltoa.

Les disse instruksjonene før du starter installeringen, og gi den deretter videre til anleggets bruker. All tilkobling til omformeren skal utføres av godkjent elektriker eller person med nødvendig kunnskap om elektrisk installasjon i henhold til gjeldende forskrifter og standard. Sørg for at strømmen er koblet fra før installering og ved vedlikehold.

Læs disse anvisninger før du starter installationen og aflever vejledningen til anlæggets bruger. Alle tilslutninger på konverteren skal udføres af en autoriseret elinstallatør i overensstemmelse med gældende regler og standarder. Afbryd spænding før installation og vedligeholdelse.

Lesen Sie diese Anweisungen sorgfältig, bevor Sie mit der Installation beginnen, und bewahren Sie sie für späteres Nachschlagen auf. Sämtliche Anschlüsse am Treiber dürfen nur von einem qualifizierten Elektriker oder einer Person mit der notwendigen Fachkenntnis im Bereich Elektroinstallationen und in Übereinstimmung mit den geltenden Richtlinien und Normen vorgenommen werden. Stellen Sie vor Installations- oder Wartungsarbeiten sicher, dass keine Spannung mehr anliegt.

Lisez attentivement ces consignes avant de commencer l'installation. Pensez également à vous y reporter ultérieurement. Tous les raccordements au moteur doivent uniquement être effectués par un électricien qualifié ou par un individu qui dispose de l'expertise requise en matière d'installation électrique, conformément aux normes et aux règles pertinentes. Veuillez à couper le courant avant l'installation et toute opération de maintenance.

Przed przystąpieniem do instalacji należy się uważnie zapoznać z instrukcją i zachować ją na przyszłość. Wszystkie połączenia prowadzące do sterownika muszą zostać wykonane przez wykwalifikowanego elektryka bądź osobę posiadającą niezbędną wiedzę specjalistyczną w zakresie instalacji elektrycznych zgodnie z obowiązującymi przepisami i normami. Przed instalacją lub konserwacją wyłączyć zasilanie.

Rated Voltage AC	220-240V
Frequency	50-60 Hz
Power	1-60W
TA °C	-25°C - +50°C
TC °C	90°C
Power Factor	0.95
Temperature protection	Yes
Overload protection	Yes
Short-circuit protection	Yes

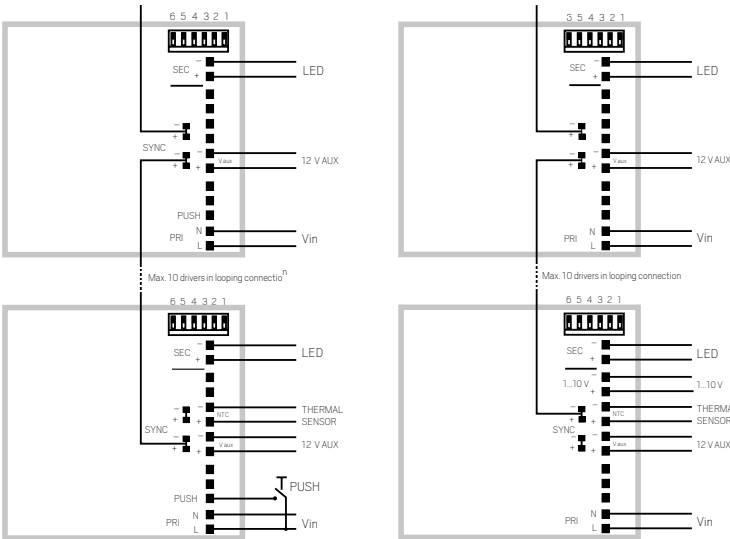
DIP position	Dip 6	Dip 5	Dip 4	Dip 3	Dip 2	Dip 1
25W 350mA	-	-	-	-	-	-
35W 500mA	ON	-	-	-	-	-
39W 550mA	-	ON	-	-	-	-
46W 650mA	ON	-	-	ON	-	-
50W 700mA	ON	ON	-	-	-	-
54W 750mA	-	ON	ON	-	-	-
60W 850mA	ON	-	ON	-	-	-
60W 900mA	ON	ON	ON	-	-	-
60W 1000mA	ON	-	-	ON	ON	-
60W 1050mA	ON	ON	ON	ON	-	-

Jolly Maxi US

OPERATION MODE

- Light regulation 0/1 - 100 % by means of PUSH function, 0/1...10 V interface (I=1 mA) or 100 Kohm potentiometer.
- (4) Default dimming AM+PWM: 1-25% PWM 2 kHz+25-100% AM (NO SYNC).
- (4) Full PWM dimming (240 Hz - 1-100%) available by short circuit of NTC port during switch on of the driver. Same operation to reset to AM+PWM.
- Light regulation 0/1 - 100 % by means of PUSH function (mains voltage):
 - a short push to turn on and o;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or o command, release the push button and give the desired command again;
 - dimming level memory at mains restore.
- Possibility to use PUSH function to 4/5 drivers without sync cable.
- Maximum length of the cable, from push button to last driver, must be max. 15 m / 49 ft. In case of applications where the cable is longer than 15 m / 49 ft, keep this separate from the 110 - 240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light.
- Short circuit 1...10V port for at least 5 sec to reset the device to ON/OFF & 0/1-10V modes.
- Specific dimming terminal connection with a 0/1...10 Vdc electronic potentiometer (0/1...10 V local dimming, double insulation required for external connection).
- Max. 10 synchronised drivers of which only one can be controlled (1 Leader + 9 Follower of any JOLLY Series). Only for full PWM dimming (4).
- Synchronization cable supplied separately.
- Regulation is possible by means of DALI and DMX coupled with DALI/DMX INTERFACE.

Wiring diagram



PUSH diagram
(4) SYNC only for FULL PWM setting.

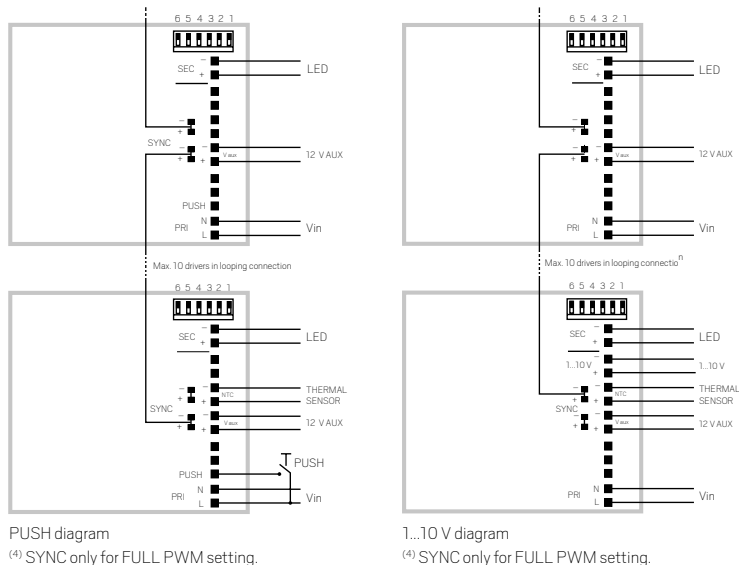
1...10 V diagram
(4) SYNC only for FULL PWM setting.

Jolly Maxi US DALI

OPERATION MODE

- Light regulation 0/1 - 100 % by means of PUSH function, 0/1...10 V interface (I=1 mA) or 100 Kohm potentiometer and DALI / DALI-2 (6).
- (4) Default dimming AM+PWM: 1-25% PWM 2 kHz+25-100% AM (NO SYNC).
- (4) Full PWM dimming (240 Hz - 1-100%) for PUSH/1-10V available by short circuit of NTC port during switch on of the driver, without DALI port powered. Same operation to reset to AM+PWM.
- (4) Full PWM dimming (240 Hz - 1-100%) for DALI available by short circuit of NTC port during switch on of the driver, with DALI port powered. Same operation to reset to AM+PWM.
- Features DALI / DALI-2 (6) dimming:
 - memory function for sets or light groups;
 - recall of stored functions;
 - compatible with standard DALI interfaces.
- Light regulation 0/1 - 100 % by means of PUSH function (mains voltage):
 - a short push to turn on and on;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or o command, release the push button and give the desired command again;
 - dimming level memory at mains restore.
- Possibility to use PUSH function to 4/5 drivers without sync cable.
- Maximum length of the cable, from push button to last driver, must be max. 15 m / 49 ft. In case of applications where the cable is longer than 15 m / 49 ft, keep this separate from the 110 - 240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light.
- Short circuit 1...10V port for at least 5 sec to reset the device to ON/OFF & 0/1-10V modes.
- Specific dimming terminal connection with a 0/1...10 Vdc electronic potentiometer (0/1...10 V local dimming, double insulation required for external connection).
- Max. 10 synchronised drivers of which only one can be controlled (1 Master + 9 Slaves of any JOLLY Series). Only for full PWM dimming (4).
- Synchronization cable is separately supplied.

Wiring diagram



PUSH diagram
(4) SYNC only for FULL PWM setting.

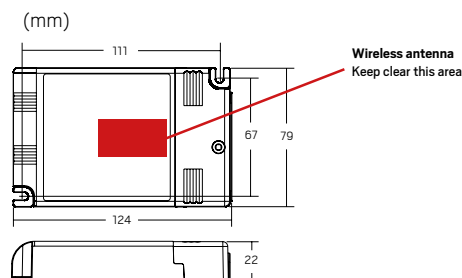
1...10 V diagram
(4) SYNC only for FULL PWM setting.

Jolly Maxi US Casambi

OPERATION MODE

- Light regulation 0/0,5 - 100 % by means of PUSH function and APP or compatible devices for CASAMBI integrated WIRELESS module.
- Light regulation 0/0,5 - 100 % by means of PUSH function (mains voltage):
 - a short push to turn on and off;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or off command, release the push button and give the desired command again;
- dimming level memory at mains restore.
- Possibility to use PUSH function to 4/5 drivers.
- Maximum length of the cable, from push button to last driver, must be max. 15 m / 49 ft. In case of applications where the cable is longer than 15 m / 49 ft, keep this separate from the 110 - 240 Volt mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light.
- Compatible with Casambi network modes; Better Performance, Balanced, Long Range.

Direct current wireless dimmable electronic drivers with DIP-SWITCH



Note!

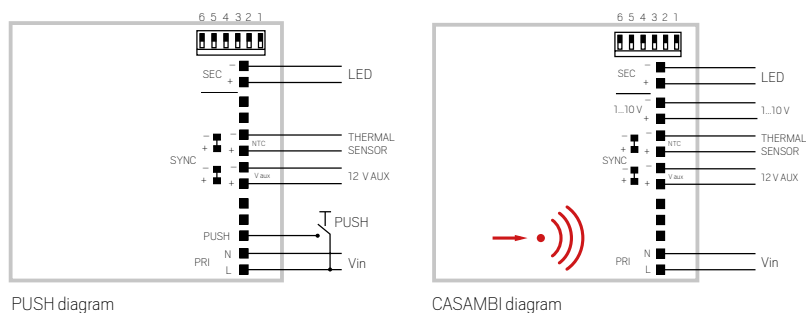
Different materials affect Casambi Mesh signals in various ways:

- Metal:** Blocks or weakens signals significantly.
- Concrete, Brick:** Reduce signal range.
- Wood, Glass, Plastic:** Minimal impact.

Proper placement is vital for strong signals, avoiding obstructions like metal and dense walls to ensure reliable connectivity. Care to check signal levels.

For optimal performance, we recommend maintaining an approximate distance of 20 meters between Casambi devices under good conditions. This helps ensure strong and reliable connectivity.

Wiring diagram



PUSH diagram

CASAMBI diagram

CASAMBI



To be used through APP available on Apple Store and Play Store for iOS and Android.