

DIMMERS

Designed for typical marine electrical systems, our DC and low voltage AC dimmers are available in several models offering efficient and precise light level control.



Pursuit 3800 Offshore

Imtra offers a wide range of low voltage dimmers with rotary or push button control. For our complete selection, visit www.imtra.com.

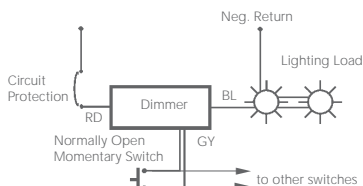


Shown with optional switch.

IML Electronic Momentary DC Dimmers

These compact, powerful DC dimmers operate on a high frequency resulting in almost zero RFI. A bulb-saving feature limits voltage output to 95% of input voltage. "Soft start" prolongs bulb filament life. May be controlled by multiple single-pole single throw momentary switches including IML Top System GW20510, GW21510 and Playbus GW30021. Switch not included.

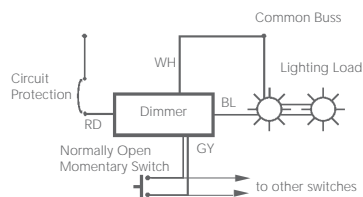
ILD10M	Dimmer, 10A-DC Only, Momentary
ILD15M	Dimmer, 15A-DC Only, Momentary
ILD25M	Dimmer, 25A-DC Only, Momentary



IML Low Voltage AC/DC Versa-Dimmers™

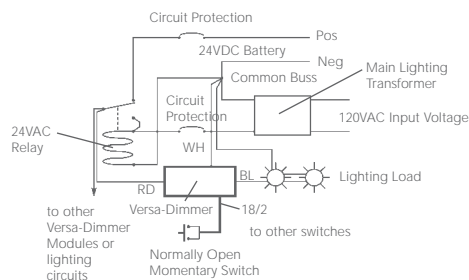
Compact, noise suppressed dimmers which can operate on either 12/24VAC or 12/24VDC power. A bulb-saving feature limits output voltage to 95% of input voltage. "Soft start" feature prolongs bulb filament life. May be controlled by multiple single-pole, single-throw momentary switches including IML Top System GW20510, GW21510 and Playbus GW30021.

ILAD10M	Dimmer, 10A-AC/DC, Momentary
ILAD15M	Dimmer, 15A-AC/DC, Momentary
ILAD25M	Dimmer, 25A-AC/DC, Momentary

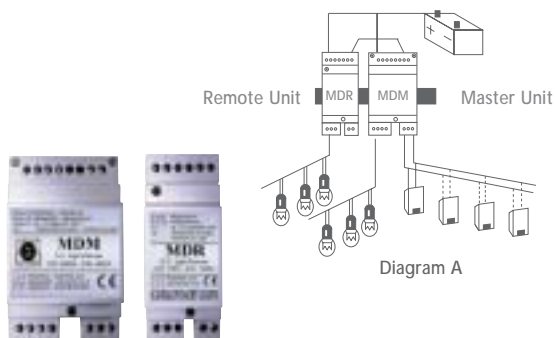


When wired with a 12VAC or 24VAC relay, as shown below, your low voltage AC dimmer will automatically switch over to DC backup if AC power is shut off or lost.

ILKUHP-11A51	Relay, 12VAC, 20 Amp
ILKUHP-11A51-24	Relay, 24VAC, 20 Amp



Dimmers



MDM 12V/24VDC Expandable Dimmers

A powerful, full-featured electronic micro controller system from Cantalupi with short circuit and thermal protection. Unique memory feature remembers last light level setting automatically. Controlled by any number of single-pole/single-throw momentary switches including the IML Top System GW20510/GW21510 and Playbus GW30021. Pulse-width modulation saves energy without adding heat. Zero Radio Frequency Interference (RFI). CE approved.

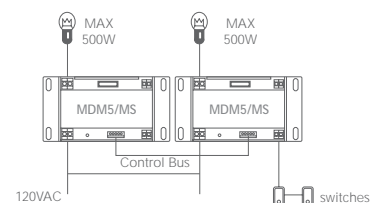
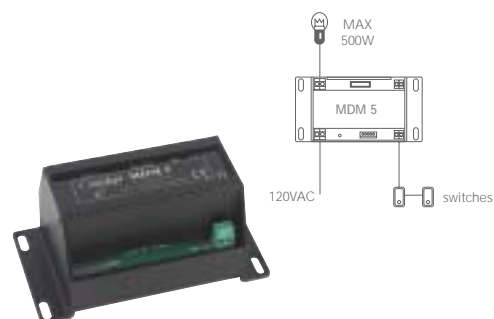
CN80101	MDM Master, 12/24V-150/300W
CN80201	MDR Remote, 12/24V-75W/150W
CN90801	Mounting Bar for Dimmer (6" section)
CN90803	Lateral Stop for DIN Rail (2 required for installation)

Unlimited power expansion is possible by adding remote "slave" units, as shown in Diagram A above.

MDM4/MDM5 Dimmers

Full-function modern electronic dimmers with 48-step light intensity variation. A memory feature remembers the last light level setting automatically. The soft start and soft stop feature prolongs bulb life. The dimmer is controlled by unlimited number of single pole-single throw momentary switches, including the IML Top System GW20510/GW21510 and Playbus GW30021. Offered in 24VDC and 120VAC versions with output power of 500W. CE Approved.

CN80401	MDM4	Stand Alone DC Dimmer, 24VDC-500W
CN80501	MDM5	Stand Alone AC Dimmer, 120VAC-500W



MDM4-MS/MDM5-MS Stackable Dimmers

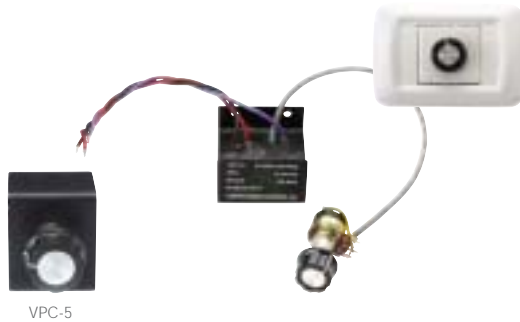
The "MS" versions of our popular MDM4 and MDM5 dimmers are designed to be "stacked" together to achieve higher power output capacity on the same dimming circuit. The "MS" versions share all key features and operate with the same switches as the stand-alone MDM4/MDM5 dimmers. CE Approved.

CN80402	MDM4-MS	Stackable DC Dimmer, 24VDC-500W
CN80502	MDM5-MS	Stackable AC Dimmer, 120VAC-500W



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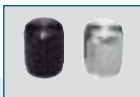
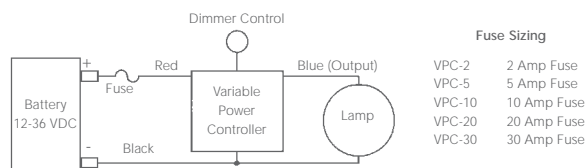
Dimmers



IML Rotary DC Dimmers

IML Rotary Dimmers are available in a range of power options from 2 to 30 amps. Each dimmer is equipped with its own control knob. The VPC-2 and VPC-5 are stand-alone units, while higher capacity units have 10" wire leads connecting the remote rehostat knob. 12/24VDC. Alternative control knobs are available.

ILVPC-2	2 Amp Dimmer with On/Off Switch, 24/48W
ILVPC-5	5 Amp Solid State Light Dimmer, 60/120W
ILVPC-10	10 Amp Light Dimmer with On/Off Switch, 120/240W
ILVPC-20	20 Amp Light Dimmer with On/Off Switch, 240/480W
ILVPC-30	30 Amp Light Dimmer with On/Off Switch, 360/720W



Optional Control Knobs

Alternative control knobs for IML Rotary DC dimmers. 0.5" diameter, in either black or aluminum finish.

IL450-6009	Dimmer Knob for VPC Dimmer, Black
ILME450-6003	Dimmer Knob for VPC Dimmer, Aluminum



Shown above with optional switchplate.

Lighttop DC Dimmers

This Lighttop integral DC Dimmer is designed specifically to fit common European grid switching systems. Both the 12V and 24V versions fit into a 1-gang Top-system, Playbus or Vimar switch grid. Push button controlled. CE-approved.

IL12/24-SYS	Dimmer, 12/24V-100/150W, Top-system, White
IL12/24-SYS-BLK	Dimmer, 12/24V-100/150W, Top-system, Black
IL12/24-PLAY	Dimmer, 12/24V-100/150W, Playbus, Grey
IL12/24-VIM	Dimmer, 12/24V-100/150W, Vimar Idea Series, Off-White



LIGHTTOP DC DIMMER FEATURES INCLUDE:

- Pulse-width modulation - saves energy, no heat
- Completely integral (controller and momentary switch in one unit)
- Single unit supports 12V or 24VDC systems (10-30VDC)
- Bicolor LED for dimmer status
- Night LED switch locator
- Short circuit, thermal, reverse-polarity portected
- Soft Start feature prolongs bulb filament life
- No RFI

For 110V/220V applications, please refer to AC Rotary Dimmers on page 53.

