# MEMOPACK 15XT
## Portable Digital Dimmer Pack



Portable, intelligent, all-digital dimmer packs in 19" version for maximum flexibility, in 2 configurations; **3 x 5 kW or 6 x 3 kW**. Designed for **professional applications in stage**, **TV studio** and **architectural lighting**, whenever high performance, quality and reliability are the prime considerations.

Ideal for **touring**, decentralised dimming or extension of existing installations. Available with all standard European outlets.

### Main Features

- 5-key keypad, 12 character LED display and user friendly menus for easy access to all dimmer functions
- Set-up functions can be limited to "DMX start address"
- local controls for creation and storage of 20 lighting cues
- individual selection of dimmer address (patch), law, smoothing and reduction factor
- fade smoothing (4000-step resolution)
- 10 dimmer laws (one is user-programmable)
- **Remote programming and monitoring capability**
  - from any other dimmer rack (standard)
  - from the NETBUS Dimmer Controller or a PC with the Dimmer Manager kit (options)
- **Extended diagnostics functions (option)**
- professional grade filtering (200 µs), for efficient attenuation of lamp filament noise
- protection circuitry against accidental 400 V wiring
- local status reporting: 400 V - overtemperature - fan failure - processor check - presence of DMX signal - DMX and analogue control levels
- hard-fired **thyristors** for control of tungsten halogen lamps, resistive and inductive loads, transformer-fed low voltage lamps, fluorescent lighting with suitable ballasts
- local test of a dimmer (steady, flash or chaser)
- automatic self-test capability
- programmable response to a DMX failure
- low noise fan for effective cooling with automatic fan-stop
- overtemperature protection through gradual dimmer fade out

### Supplied with

- instruction manual

### Technical Specifications

- power supply: 230 V / 400 V Star, 3NPE (TN-S), 50/60 Hz
- power supply on CEE 32A ( P17) connector on the rear except when fitted with 6 twin UK 15A sockets.
- optional single phase supply terminal kit.
- individual protection by MCB/1P (standard version); optional 1P+N protection with MCB's or HRC fuses with "fuse ok" neon indicator and slot for spare fuse
- **optional MCB+RCD protection per dimmer.**
- suitable for continuous duty (3 kW or 5 kW per dimmer) at 35°C
- DMX 512/1990 input (XLR5) with galvanic isolation + ADN bidirectional serial port (EIA-485). Optional analogue inputs 0/+10 V (DB25-S)

### Architectural Applications

The KIT/INPUT/ANA/24 analogue input option allows remote control by means of

- analogue control desk (0/+10V)
- 3-position selector switch (up - down - steady), one switch can control one or several dimmers
- remote storage, playback and dimming of the 20 memories; direct access, one switch per memory

### Advanced Dimmer Network (ADN)

Dimmers of the MEMORACK / EURORACK 60 / EURODIM 3 families can be networked over the DMX cable via a proprietary bidirectional protocol for the purpose of remote programming, monitoring, fault reporting and memory management from the NETBUS Dimmer Controller or a laptop PC with the Dimmer Manager kit, which also provides a gateway to an Ethernet network.

### Characteristics

| Power Supply | : 220 - 240 V - 50 Hz |
|---|---|
| Consumption | : 27 A per phase |

| Dimensions | |
|---|---|
| L x P x H (mm) | : 432 x 490 x 143 |
| Net Weight (kg) | : 17 |

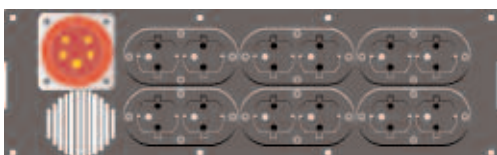| Packing | |
|---|---|
| Dimensions (mm) | : 460 x 595 x 245 |
| Gross Weight (kg) | : 19 |

**ADB**
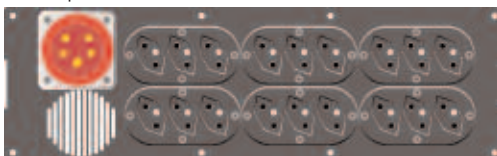Lighting Technologies

# MEMOPACK 15XT

## Standard Outlets

- Outlets:

6 x twin NF/CEBEC
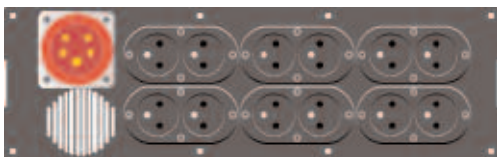


6 x twin Schuko



6 x triple Swiss



6 x CEE 16 A (P17)



6 x twin UK 15 A



3 x CEE 32 A



This equipment complies with all applicable European directives and carries a CE mark.

## Front Panel

Indicators :
- presence of DMX signal
- microprocessor running
- error messages (temperature warning, DMX error, …)

## Options and accessories

- 230 V single phase supply terminal kit
- fitted with 2 m supply cable instead of CEE 32 power inlet
- supply RCD 4P - 30 mA, compulsory for IT/TT supply
- RCD+MCB/1P+N-30 mA-6kA per dimmer for 6 x 3 kW dimmers
- RCD+MCB/1P+N-30 mA-6kA per dimmer for 3 x 5 kW dimmers
- **extended diagnostics functions**
- Star/Delta power supply upon request
- Fuse/1P+N instead of MCB/1P protection, for 12 dimmers
- Fuse/1P+N instead of MCB/1P protection, for 6 dimmers
- Fuse/1P+N instead of MCB/1P protection, for 3 dimmers
- MCB/1P+N instead of MCB/1P protection, for 12 dimmers
- MCB/1P+N instead of MCB/1P protection, for 6 dimmers
- MCB/1P+N instead of MCB/1P protection, for 3 dimmers
- analogue input 0/+10 V retrofit kit, for 6 dimmers
- analogue input 0/+10 V retrofit kit, for 12 dimmers
- for remote memory control: analogue input 0/+10 V retrofit kit with 24 inputs
- **NETBUS Remote Dimmer Controller**
- **Dimmer Manager kit including NETPORT/XT converter and software for PC**
- XLR5-M connector
- XLR5-F connector

## Protections

- HRC fuses, single pole 10.3 x 38 mm
- supply and "fuse OK" indicators integrated in the fuse-holder
- protection circuitry against accidental 400 V wiring errors
- overtemperature protection (gradual fade-out)

## Power Supply Connection

- fitted with 2 m flexible supply cable (EPR 5 x 4 mm$^2$)
- cable clamp for Ø 20 mm cable

## Mains Supply

- star mains supply 3NPE (TN-S) 400 V 50 / 60Hz
- single-phase operation possible (single-pole protected)

## Local Control without Lighting Desk

- flashing of one dimmer for easy luminaire identification in a rig
- chaser
- setting of a dimmer level
- creation and editing of 20 lighting cues

## Communications

- DMX512/1990 digital input on XLR5 connectors
- analogue inputs (option) : 0/+10V or 0/370 µA
- diagnostic network (RS485) option
- connector pin-out printed on the front panel

## Remote control and Diagnostic (option)

- selective diagnostic: microprocessor assisted automatic detection of short-circuit, presence of load, failed fuse
- remote programming of the patch, dimmer law selection, smoothing, memorised cues. Remote reporting of Diagnostic check (if applicable)
- programming and reporting network on XLR 5 connectors, with warning message in case of confusion with DMX