

Because your successes are ours

How should a perfect dimmer be?

Totem is a product of great evolution, consequence of several generations of digital dimmers; all of them have offered great satisfaction to their users.

Continuous testing. Perfect Regulation

Though the input DMX levels are stable, the Totem software works ceaselessly, measuring the input phase voltages, the temperature, the noise in the main supply, etc. In this mode, the power output to the luminaries remains stable and the dimmer works in an optimum working range.

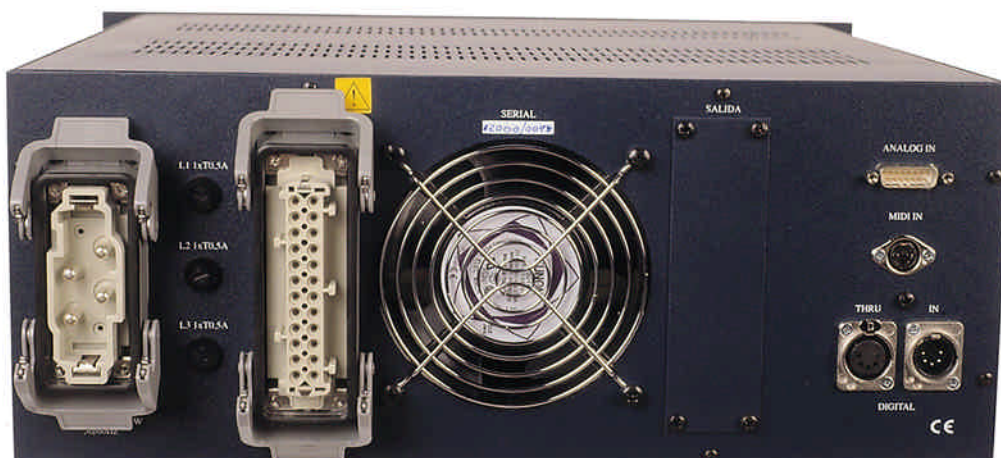
Why the Totem is so silence?

Totem uses chokes designed specially for it, manufactured under special procedures by the company Amecon American, leader in the manufacture of chokes for dimmers. Their fundamental characteristic is that the maintenance of the time of ascending (rise time) practically constant from 25% up to 120% of the load, which allows one to maintain the suppression of interference for a wide margin of variation of the same.

Others Totem tools

- Backup function: Totem permits a store of 9 memories, and in case of loss of control signal, puts in scene a desired memory in the desired fade-in time. Other possibility is that the Totem maintains the last valid DMX signal.
- Response curves and independent patch for each channel. Tests and Preheating functions.
- A.L. function (Architectural Illumination): Capture and storage of information received by DMX or making a series of temporised preparations with their own attributes, Totem controls them by means of its keys, or by distance, via cable.
- There are very few dimmers on the market which provide a connection to sequencers, keyboards, etc. This ability results in a useful, simple method of synchronisation for exhibitions, musicians....

Totem is an ideal dimmer for whatever professional application in fixed installations like theatres, television, tours and rental companies.... In whichever condition it has demonstrated its reliability.



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FUNCTIONALITY

- The soft keys, one per channel, can be: **Flash**, **Switcher** or **Dimming** for channels, and **GO** function for the temporised special memories. These keys can be disabled.
- One LED per channel, as **intensity flag**.
- **Display** and 3 functions keys for menus edition and information accessing.
- **Patch**, linear or channel by channel (1024 directions).
- Response **Curves** generic or channel by channel (5 available).
- 9 **Backup** memories, with time-in, or last DMX signal maintenance.
- "**AL**" function: Memories with their times that can be executed by the frontal keys or by the external panel connected to its 0+10V input. These memories can have attributes of priority, solo, etc. (12, 6 or 3 available, depending of the Totem model).
- **Voltmeter** per phase input and **thermometer**.
- Totem **controls** the connections number and the working hours.
- 8 working modes of **MIDI**. Setup for the MIDI channel, and the MIDI Controller/Note. It is possible to connect a keyboard, a sequencer, etc. to the dimmer directly.
- Menus to **test** the input and output buffers, the control source of each channel, etc.
- **Luminaries protection** with a delay time (30...500 ms.) in the quick rises.
- 3 control signal inputs that can work simultaneity: **DMX**, **0+10V**, **MIDI**.
- **Slow rearm** in the Switching On, to permit us switch on the dimmer to full load.
- **Phase feedback** per input phase.
- Fan **ventilation** and temperature control, with alert and disconnection thresholds.
- **Voltage** control, with alert and disconnection thresholds.

CHARACTERISTICS

- **Amecon Chokes**: 303 μ s. (3 Kw.), 378 μ s. (6, 12 Kw.)
- **DPN** protection (3 Kw.) or **Bipolar** protection (6, 12 Kw.)
- 95 A. **Thyristor Pack** (Mod. 3 channels) and 60 A. Thyristor Pack (Mod. 6 channels).
- 25 A. **Triac** in Mod.12 channels (Optionally 25 A. thyristor pack).
- **Software control** of the electronic noise in the main phase inputs.
- Automatic adjustment of the working **frequency (40 – 75 Hz)**. The response curve is maintained with the input frequency modifications.
- Power supply: Harting connector, 4 x 80 A. + G. 380V_{3~}, 40-75 Hz, 12Kw/phase.
- Power outputs: Harting connector, 24 x 16A. (3 Kw.), 2 Harting connector, 6 x 35A. (6 Kw.), or Harting connector, 7 x 100A. (12 Kw.)
- 2 XLR-5. DMX in, thru.
- 1 SubD-15. Analog in.
- 1 DIN-5. MIDI in.

Size in mm. (width x depth x height):

483 (19") x 435 (without handle) x 176 (4U).
Weight: 25 Kg.

Models:

12 channels x 3 Kw.
6 channels x 6 Kw.
3 channels x 12 Kw.

Options:

Power Devices: 27A thyristor pack. (12 chan. x 3 Kw.)

