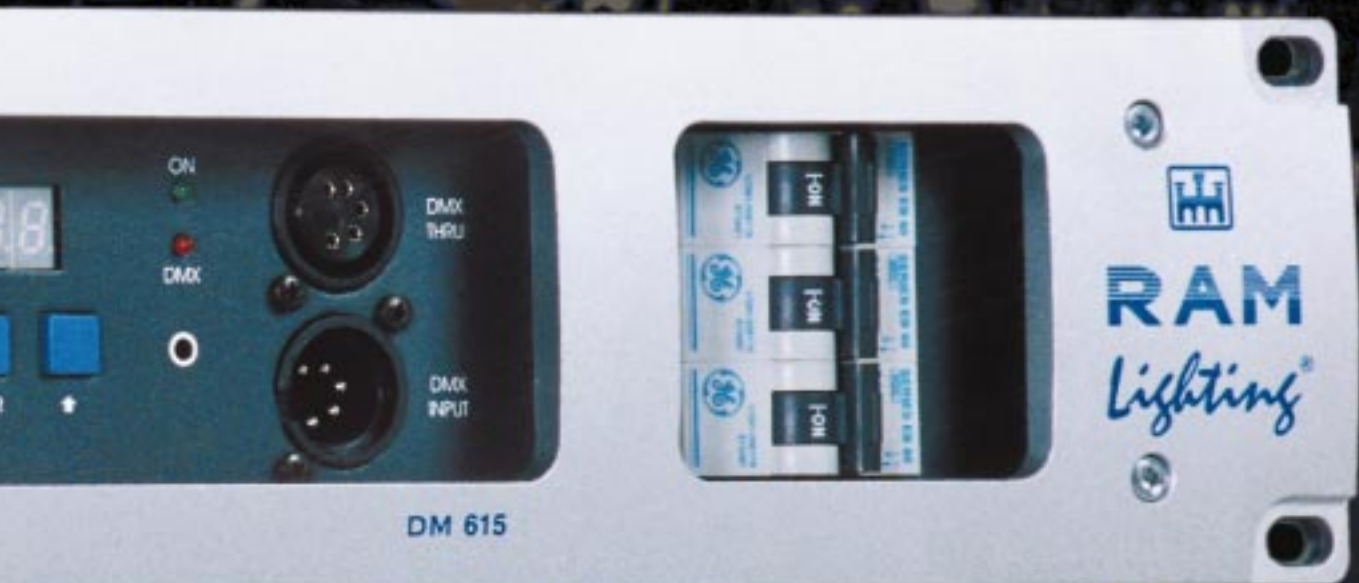




# RAM *Lighting*<sup>®</sup>

Professional Dimmers

## DM Series





RAM Audio is justifiably proud of the professional user's response to our Audio Products. RAM Lighting is a new division in our product portfolio, we have developed attending to the market demand. The first products available are the DM Series of Dimmers.

We have approached the design and manufacture of these products in the same way that our audio products are built - top quality, high performance, but always at reasonable costs-

These new products will satisfy the most stringent technical demands covering a broad range of uses, they are intuitive to use (no complex learning curve!), and yet state of the art. Each unit is protected by a robust chassis, with a well designed and "road proof" front panel.

The latest generation of electronics that the unit utilises, guarantees non-compromising use at the highest level without any type of limitation.

Three models will be available: DM 615: 6 x 15A, DM 1215: 12 x 15A and DM 625: 6 x 25A.

The DM Series Dimmers include all the features professionals can expect from top end devices including a microprocessor generated half-cycle point, synchronized with each phase input which permits detection and isolation of any noise at the Power mains.

## FEATURES

- DMX-512 Control Signal Input
- DMX signal interruption options: Recall last DMX info, Insert recorded back-up Memory, All channels off
- Analogue 0/+10V Control (Permits simultaneous operation with DMX)
- LED indicators for each channel output regulation
- LED indicator for DMX Input
- LED indicator for internal power
- Temperature Control with alert and disconnection
- Input buffer test
- Luminaries protection with a delay time (30ms) in the quick rises
- Cold incandescent load at full rating without tripping
- Microprocessor generated half-cycle point synchronized with each phase input which permits detection and isolation of any noise at the Power Mains
- Numerical four digit Display for general information and Menu functions follow-up
- Three Function Keys for Menu Address
- Dimmer Curves: Linear, Square, Inverted Square, on/off and Park, auto-adjusting to the input Frequency.
- Preheat level for all Dimmer channels
- Input Mains: Cable, (Optionally, internal or external Screw terminal connection for 4-6 mm section cable)
- Power Output: Screw terminal connection (Optionally, Harting type terminal). (615 S version with schuko outlets and cable mains input)
- Dimensions 19" Standard Rack:
  - DM 615 model: 2U. Weight: 15 Kg
  - DM 615 S model: 3U. Weight: 15 Kg
  - DM 625 and DM 1215 models: 3U. Weight 20 Kg

## Technical characteristics of RAM Lighting DM Series Dimmers

- Channels and Capacity:
  - 6 x 3.5 KW (6 x 15A)
  - 12 x 3.5 KW (12 x 15A)
  - 6 x 5.5 KW (6 x 25A)
- Slow start at turn on and slow rearm (2 s). Permits switching-on the Dimmer at full load.
- 40/70 Hz Frequency Auto-Selection
- Noise suppression to TV Studio specifications
- Three phase operation with single phase emergency use
- Unipolar Automatic Circuit Breaker per channel, optionally the Dimmers can be supplied with DPN Breaker
- Fan cooling (temperature dependant)
- AMECON® Suppression Chokes with linear response between 25% and full load and 120µs Rise Time
- Power Devices: 25A Triac on the 3.5 KW models and 40A on the 5.5 KW
- Turn on of Triacs when processor fully operative
- 0/100% Duty Cycle

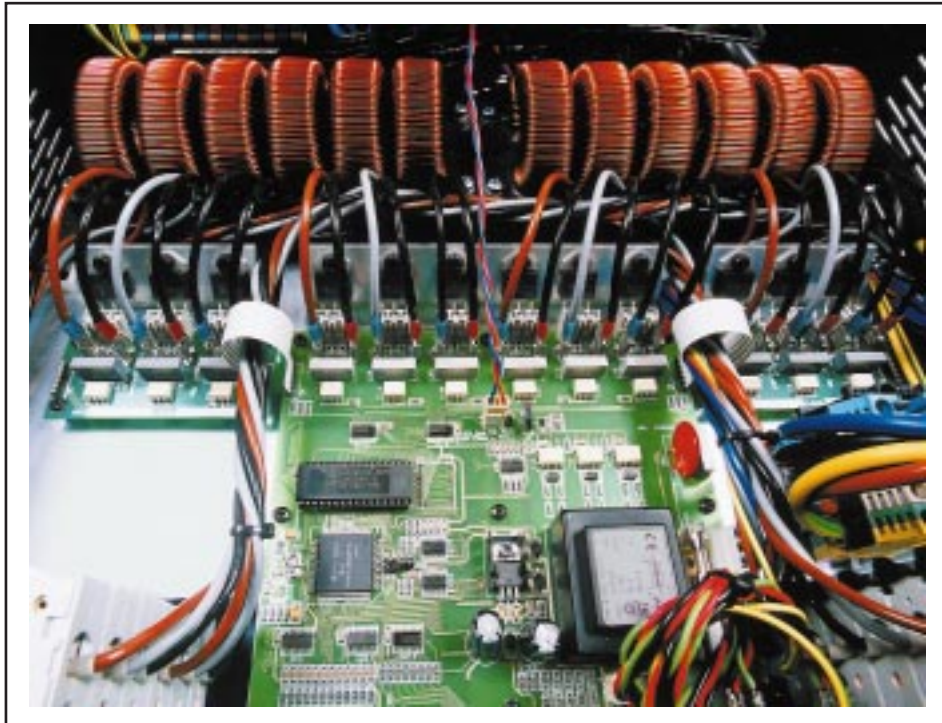
## MENUS

- DMX Channel Address, Lineal
- Preheat Function
- Dimmer Curve Selection, Generic or per Channel
- Test Functions: DMX, Analogue, Software

## MAINS:

- Three phase, neutral and earth
- Working Conditions: Ambient Temperature -10°C/35°C
- Relative Humidity, (Without condensation) 80%
- Installation CAT: CAT II





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