

3D CONCEPT DIMMING SYSTEM

THYRISTOR TRIAC TRANSISTOR SINE WAVE

RVE, pioneer of the plug-in dimmer is different thanks to his technological knowledge to place at your disposal a tool of scenic creation unequalled.
Controllable of the end of the fingers by their convivial touch screen.

3D concept® dimming system have advanced and unique possibilities!

Our dimmer cabinets can be adapted to your needs and not the opposite !

You pay for only what you need!

- **Touch screen**
- Main function configurations via Ethernet
- **One module for Dimmers + Mechanical relays (RVE exclusivity)**
- The broadest choice of the market: thyristor, triac, transistor, sine wave, mechanical relays
- **Two dimmer cabinets width: 19" or 29"**
- RDM, Ethernet (ACN, Artnet) ready
- **Connections: At the top, at the bottom or on the left or right side**
- Module instantaneous replacement without reprogramming
- **Total mixing of the different module models with out restriction**
- Total adaptation of protections according to the local rules
- **Diagnosis function**
- 2 DMX 512 Inputs

The perfect synthesis between reliability, experience and new technologies!



Available in several configurations

Cabinets:

From 1 to 120 channels according to the configuration

MODULES:

3kW - 5kW - 12kW

With the choice :

Thyristor, Triac, Transistor, Sine wave, Mechanical relay mixable without restriction

Dimensions

According to the dimmer cabinet model, to the needed options and to the electrical protections requested.

With the choice:

Standard : 605 x 450 x from 1100 to 2350mm

XL : 865 x 450 x from 1100 to 2350mm



MAIN FEATURES

Plug in modules	: 4 x 3kW, 2 x 3kW, 2 x 5kW, 1 x 12kW
Indicator	: Dimming LEDs, default LEDs on the front face of each module
Supervisor	: 1 Unit supervisor or touch screen (1 for each cabinet or for a group of cabinets)
Rising time	: 200µs - option: 400µs or 800µs
Upstream protection	: Unipolare or Unipolare + Neutral or Bipolare or Unipolare + Neutral +RCD 30mA MCBs integrated to the module or external. (depending of options and modules requested)
SCR control	: 100% digital, opto isolated.
Power components	: Thyristor or Triac for 3kW module Thyristor for 5kW module Transistor for 3kW and 5kW Sine wave module
CEM compatibility	: According to directives EN014/60669/60439

EXTERNAL CONTROL:

DMX 512	: 2 opto isolated inputs, last DMX level held in the event of DMX signal interruption, automatic bypass.
Overriding	: Priority for the cleaning of the stage or as working light for DMX 1 and DMX 2

OPTIONS

- Back up supervisor (2nd supervisor)
- Ethernet Input module (Artnet, ACN)
- RDM input module
- AVAB input module
- Diagnosis functions with reporting
- Output voltage regulation module

TECHNICAL SPECIFICATIONS:

Power supply	: 230V / 400V star 3NPE, 50/60Hz at the top, at the bottom or at the left or right side
Electrical protections	: Conform to the rule: adapted to each installation
Outputs	: outputs on terminal block at the top, at the bottom, at the left or right side, at the front or at the rear or on sockets or directly on special connectors at the rear of the bac racks

Local control : For each channel group or individually from the Supervisor menus.

SUPERVISOR FUNCTIONS:

Patch	: Individual or serial patch for DMX1 and DMX2
Curves	: 15 curves per channel (9 user curves)
High level limit	: From 50% to 100% with interpolation of the curve
Low level limit	: From 0 to 50% with interpolation of the curve
Overriding	: Programming of the channel level individually from 0 to 100% (35% value by default), live programming for each effect
Local cues	: Individual channel level from 0 to 100% with up time, down time and wait time.
Recording	: 30 cues, DMX capture
Display for each channel:	Patch number, curve, High and low level limit, test level, cue levels, overriding levels
Access code	: To enter into the menu

- Crealight® supervision software
- Power outputs on sockets
- Main switch with RCD 30 or 300mA, Main MCB with RCD 30 or 300mA, individual MCB + RCD 30mA, 12x3kW or 6x5kW MCB or switch with RCD 30mA

Control signals	: On terminal blocks
Indicators	: On the front face of each module
Environment	: Temperature: 0°C to +40°C Humidity : 0% to 90%
Protection degree	: IP = 20
Cooling system	: Auto regulated disengageable fans, adapted to the modules

3D CONCEPT DESCRIPTION:



3D mixable modules:
Triac, Thyristor,
Transistor, Sine Wave,
Mechanical relay

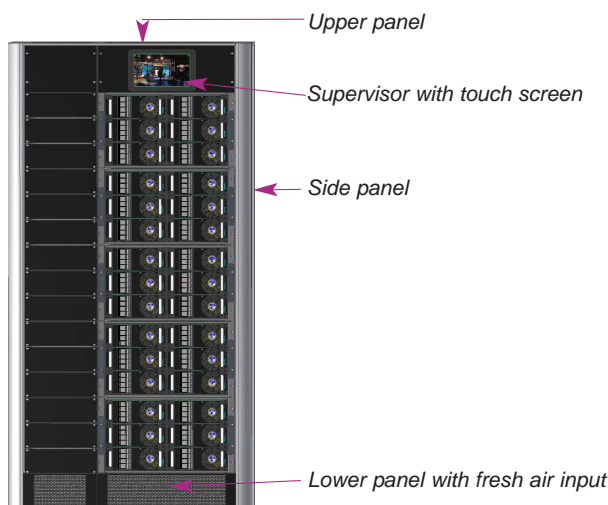


Photo: palais des congrès de Paris
EC marked according to the EEC/89/336 & EEC/73/23 - Environment 1.
This device is designed for working on private or public NF EN 50160 network.

3D_armoire_an_ft2 20/04/10 RVE Technologie reserves the right to make any variation in design or construction to the equipment described, without prior notification



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