

DIMMING CABINET

DIMKIT

Flexible cabinets, which incorporate Dimkit modules, allowing to dim any kind of sources in architectural or stage lightings.

- The market largest power range
- Ready to install
- Two operating modes:
 - **Standard**, autonomous, simple and fast
Access to parameters and functions by encoding selectors
 - **Advanced**, very advanced and ultra powerful
Parameter setting and cabinet personalization by PDA (Palm) or by Supervisor (CPU) (options)
Visualization and direct access to all functions
- Outputs on terminal blocks or sockets
- With or without divisional and/or differential protections by module
- Networking supervision capability with one or more supervisor(s) (CPU) (optional). One supervisor can control from one up to 12 modules.

By its flexibility and its single modularity, the Dimkit cabinet meets all construction requirements, any installation evolutions and guarantees to you a reduced, simplified maintenance.



Architectural lighting

Incandescent & ferromagnetic ELV

2706 Dimkit @12-3D 12 x 3 kW

2719 Dimkit @ 6-5D 6 x 5 kW

Incandescent & electronic ELV

2707 Dimkit @ 6-2X 6 x 2,3 kW IGBT

Leds or fluorescent with 0-1/10V bus

2709 Dimkit @ 12-P 12 0-1/10 Vdc pilots

Discharge lamp or other On/Off control

2708 Dimkit @12-3R 12 16A mechanical relays
On/Off

Stage lighting

from 12 to 48 channels of 3 kW

outputs on terminal blocks or sockets

from 6 to 24 channels of 5 kW

outputs on terminal blocks or sockets

Dimmer mixing capability

FUNCTIONS

Standard functions

- Soft Patch (encoding selectors)
- Local test (encoding selectors)
- 9 chasers with speed adjustment (encoding selectors)
- 2 overriding levels
- Local scene backup (encoding selectors)
- Led Indicator of power supply error
- Led Indicator of DMX signal reception
- Led temperature controller
- Led Indicator of channel error (Dimkit 6-2X transistors)

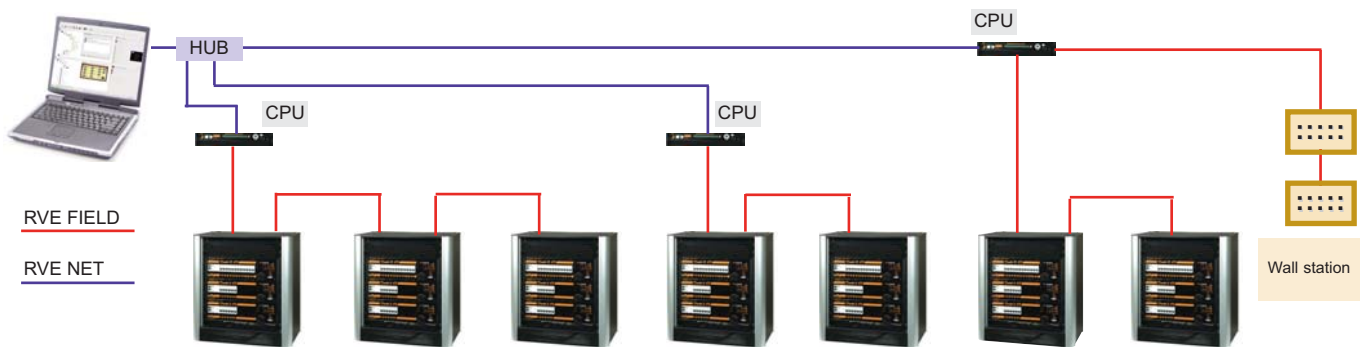
Advanced functions with Dimsoft software loaded onto PDA

- Patch one to one
- 4 different curves per channel
- Fluorescent threshold adjustment from 0 to 50% per channel
- Adjustable control threshold
- 8 programmable scenes in "LIVE" mode
- Programmable rise, fade and wait time of the scenes from 0 to 30 mn
- Programmable sequence (16 steps)
- Dimmer pack or cabinet status display
- Configuration recording and transfer
- 2 Programmable overriding levels for emergency or cleaning which can be played back remotely*
- Scene backup recall with RVE wall station*

Nota: * some functions are available with Dimkit equipped with a Supervisor: contact us

DIMKIT NETWORK

The cabinets can be connected to reach the advanced functions from a supervisor (CPU) installed in a cabinet, a dimmer or control room. The Ethernet network (RVE NET) allows the monitoring and the programming of the whole from a PC.



TECHNICAL SPECIFICATIONS

Power supply : TRI+N+T 230/400 V, Tri 220 V, 50/60 Hz

General protection : MCB or RCCD

Circuit protection : UNI, UNI+N or bipolar MCB

SCR control : Digital

Control : DMX512, last level held in case of signal interruption

Dimming : Leading edge for **Dimkit®12-3D or 6-5D**
Trailing edge for **Dimkit®6-2X**

Source compatibility : Incandescence, Halogen, ferro ELV, ferro HV
Dimkit®12-3D ou 6-5D,
ELV or electronic HV **Dimkit®6-2X**

Discharge lamps **Dimkit®12-3R**

Fluo or Led, 0 or 1/10V, **Dimkit®12-P**

Detection & protection : Against wrong connections

Smoothing : Very high definition 32000 steps

Finishes : Rackable 19", black painted, screen printed, high resistance

Connection to Palm : On USB connector

EMC compatibility : According to EN55014/60669/60439 standards

Environment : Temperature : 0 to + 40°C

Humidity : 0 to 90 %

Cooling : Advanced controlled cooling managed by microprocessor

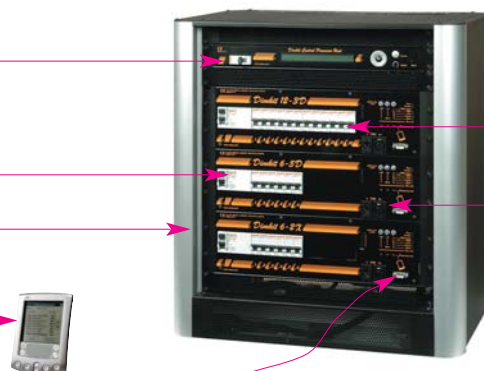
DESCRIPTION

Supervisor (CPU)
for advanced function access

Select your dimmer modules

Enclosure in aluminium

Palm loaded with the Dimsoft software for advanced function access



Select your protections

- MCB or RCCD per block
- Single pole MCB, Unipolar + Neutral, or bipolar per circuit

3 encoding selectors for standard function access

Select the output connection

- On terminal block
- On NF 10/16A, EEC 16A or 32A sockets etc...

Photo : actes.sceno realization : Bernard BLIER Theatre in PONTARLIER

CE marked according to the EEC/89/336 and EEC/73/23 - Environment 1.

This device is designed for working on private or public NF EN 50160 network.

an_dimkit_cabinet_ft0 09/01/08 RVE Technologie reserves the right to make any variation in design or construction to the equipment described without prior notification.



RVE

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