

PIRENE



Most Complete Multifunction Peripheral



Permits to combine its ports to achieve several types of functions. All the functions are present in PIRENE, and the user selects a concrete function in accordance with the current application. At any moment, from its Menu, it is possible to change the function.

1. MERGER dmx
2. PATCH dmx
3. DMX <-> AVAB converter
4. DMX <-> MIDI converter
5. DMX <-> RS 232 converter
6. SMPTE <-> MTC converter
7. SMPTE & MTC generator
8. BACK + SEQ dmx

The peripheral that you are looking for !

Do you need to link the output of your theatre console with the output of your moving lights console, or need to mix your main console with the backup console? **PIRENE** permits its, in a easy way... Mix and Switch options by output, manual control for the mix and automatic detection for errors in input lines.

Do you need a soft patch for 1024 dimmers? **PIRENE** is an advanced soft patch, with curve and limit level assignation by output dimmer... Search and copy functions.

Do you need to integrate different lighting systems, DMX and AVAB, in the same show? **PIRENE** translates, simultaneously, the DMX to AVAB signal and the AVAB to DMX signal...

Do you need that your PC can control or synchronize the lighting show? **PIRENE** translates the RS232 output or the MIDI output from your PC to DMX signal, and **PIRENE** translates DMX to RS232 or MIDI to integrate this information in your PC program... Several conversion types for sequencers and keyboards.

Do you looking for the way to synchronize the different show elements? **PIRENE** permits to generate MTC (Midi Time Code) and SMPTE based in its internal clock; to obtain SMPTE from an external MTC clock, and obtain MTC from a external SMPTE clock... Offset, From / To functions and Play, AutoPlay, Pause, Stop commands.

Are you looking for a Backup or an autonomous module to execute a lighting sequence? **PIRENE** can capture, from a DMX signal, up to 99 Memories, these memories can be edited with texts and independent fade-in, fade-out & wait times. Also it is possible to edit jumps inside the sequence and, at any moment, to select the desired memory to fade in Scene. **PIRENE** can to start the sequence, automatically, if it detects a DMX input fault; manually using the frontal controls; or remotely using the external commands through RS-2323 or MIDI (it supports MIDI Show Control & MIDI Notes commands)... Also it has default times, a function to deactivate all wait times, functions to copy times and texts from the previous memory, and it is possible to modify, to insert or to eliminate the sequence memories...

In accordance with the selected function, the external keys and some menus change with the objective of to display and to operate, only, with the operative characteristics. However, others menus and utilities are always actives in PIRENE, and are common to any selected type of function.

- **TEST** menu, it permits to check: the status of inputs and outputs that they are actives, alls the PIRENE ports, its keys, LEDs, the fader, etc.
- **SETUP** menu, it permits to select and to edit the configurable parameters in each type the function (mode).
- **DISK** menu, it permits to store and load the data and configuration. With a maximum of 99 configurations. The data always are in accordance with the mode.
- **PIRENE** menu, it permits to select and to activate the desired type of function (mode).
- **LINK** menu, it permits to connect several PIRENE and / or a PC, establishing a small net.
- In each active mode, using the keys, it is possible to **activate / deactivate** each active port. Each active port has a **status** LED associated.
- **Main screen (guide)**: Each time that PIRENE is turned on or its operational mode is changed, the main screen appears in the display, showing the active mode and active ports.
- **Software** upgrading using a connection to the serial port of a PC.
- **Windows emulator**. With a didactic objective, (the PC ports are not controlled)

AVAILABLE PORTS

- **LINK**, to connect several PIRENE and/or a PC (RJ45 connectors).
- **4 DMX** inputs: IN-1, IN-2, IN-3 & IN-4. IN-2 can be **AVAB** (XLR-5 male).
- **2 DMX** outputs : OUT-1 & OUT-2. OUT-2 can be **AVAB** (XLR-5 female).
- **2 outputs**, THRU-1 and THRU-2, copy of IN-1 and IN-2 (XLR-5 female).
- **RS232**: Bi-directional serial port, (SubD-9 male).
- **SMPTE**: SMPTE-IN and SMPTE-OUT. (2 JACK female).
- **MIDI**: Standard MIDI port, IN-THRU-OUT. (3 MiniDin-5 /180°).

CHARACTERISTICS

- **MERGER**: 1024 + 1024 inputs to 1024 outputs. **PATCH**: 1024 inputs to 1024 outputs. **AVAB**: 256 Channels. **Rs232**: 512 Channels. **MIDI**: 128 Notes / Controllers.
- **BACKUP + SEQUENCER**: 99 Memories of 512 Channels.
- High **speed**, with a minimum delay in the data conversions.
- Bypass Relays in use if PIRENE is switched off.
- **Alphanumeric Display**: 20 characters x 4 lines.
- **12 function keys** and **1 lineal fader**.
- **9 LED's** (3 bicolour), for status information and others processes, etc.
- **Power**: 230V~ 50/60Hz. 150mA.
- **Size** in mm. (wide x deep x high): 483 (19") x 215 x 44 (1U). Weight: 2 Kg.



PIRENE



Because your successes are ours