

DUAL SWITCH

Programable Audio Switcher





Dual Switch is extremely easy to program using the display and the encoder on the front panel.

Dual Switch is equipped with a system of By-pass passive (Relay) able to "bypass" directly to the control circuit and switching, connecting the main entrance (MAIN) at the output (OUT) in the event of failure of the device extended or in case of power failure (unless this option Back-Up).

Dual Switch is equipped with an auxiliary output stereo, on RCA pin connectors to allow any connection to recording devices and a monitor output MPX that replicates the output resulting from switching MPX.

Dual Switch is able to accept external commands normally closed or normally open, inputs are optically isolated, Dual Switch, trough the Logic I/O port, provides commands optocoupled output that repeat the status of the switches and the internal audio Stereo MPX.

The state of the photocoupler output is normally open.



Techincal details

Inputs Stereo (Main, Sub)
Analog audio input configuration Input Impedance Common mode rejection Connectors

Output Stere

Analog audio output configuration Output level Connectors

Inputs MPX (Main, Sub)

configuration Composite input level Impedance Connector

Output MPX

MPX Output configuration Composite output level

Monitor Stereo Output

Output configuration Output level Output Impedance Connectors

Monitor MPX Output

Output configuration Output level Output Impedance Connectors

LOGIC INPUT

Configuration Typical Voltage input Max Reverse Voltage Connector

LOGIC OUTPUT

Configuration Max Voltage Max Current Connector

RS232 SERIAL CONNECTION Connector DSUB 9 pole female

USB SERIAL INTERFACE Connector USB B

General Specifications

Stereo Separation degradation Distortion @ 1 KHz Signal to noise ratio Power requirement Consumption Power supply Dimension Weight Operating Temp.

Electronically balanced Left & Right 10 KΩ

Greater than 50 dB (30 Hz 15 KHz) XLR Female

Electronically balanced Left & Right As Input Level in Transparent Mode,

Unbalanced 0 dBu $10 \text{ K}\Omega$

BNC grounded to chassis

Unbalanced

As Input Level in Transparent Mode BNC grounded to chassis

Unbalanced As Input Level 100 $\boldsymbol{\Omega}$ PIN RCA

Unbalanced As Input Level in Transparent Mode 50 Ω

BNC grounded to chassis

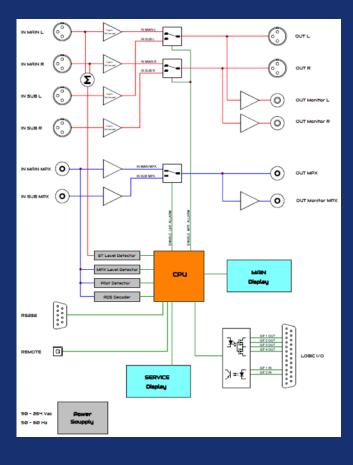
Opto-coupled (with internally 330 Ω protection) 5 Vdc (for 10 mA input) 5 Vdc

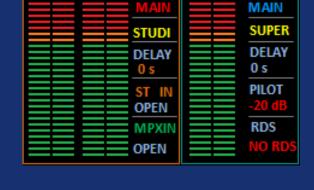
DSUB 15 pole female

Optic solid state relay 50 Vac/dc 100 mA

DSUB 15 pole female

< 1 dB < 0.01% < 85 dB (CCIR) 90 - 264 V ~ 50 - 60 Hz 4 W max power 8 W (WxHxD) 48,3 x 19,4 x 4,4 cm 1 rack unit 2,5 Kg. (5.5 Lbs) 0 ÷ 50° C.





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