SPECIFICATION

GENERAL SPECIFICATIONS

DESCRIPTION

Diablo is aimed at users wanting a small, powerful and flexible lighting controller for use with moving lights. Diablo is one of the easiest lighting controllers to program and operate. Unlike many small controllers it is not simply for club or DJ use. The Diablo is suitable for use in a range of venues from small theatres, schools, TV or clubs.

To aid in programming the Diablo comes with an effects engine that allows for the shape generation and colour and beam effects. Apart from providing the facility to control moving lights the Diablo also allows control of 18 generic channels. These faders can also be accessed in playback mode.

An LCD screen is at the heart of the Diablo. Using soft keys navigating the various operating modes is simple and intuitive. Whether setting the desk up, assigning fixtures, patching or playing back shows the user is provided with easy to understand and operate menu structures.

The Diablo has a comprehensive library of fixture personalities that can be loaded to the console from a PC using a simple USB cable. Regular updates to this library are downloadable from the Web. Alternatively setting a new fixture up on the console can be done using the menus provided. It is possible to store up to 18 different fixture personalities on the Diablo at any one time.

SPECIFICATIONS

- ➤ Rack mountable
- ➤ Designed for table top operation
- ➤ Built in effects engine
- ➤ 12 playback stacks each with 250 steps
- ➤ 108 submasters
- ➤ Control of up to 18 fixtures
- ➤ Control of 18 generic channels
- ➤ 4 DMX auxiliary keys
- ➤ Choice of playback modes
- ➤ Live chase speed control
- ➤ Beat Button
- ➤ Built in Microphone
- ➤ Page Chase / Ripple functions
- ➤ Sound Input
- ➤ Fixture Library
- ➤ Fixture creation on console
- ➤ Show back up
- ➤ Flash buttons
- ➤ Joystick control
- ➤ USITT DMX512
- ➤ PC Connection for loading fixture personalities
- ➤ Dimensions: 483mm(W) x 90mm(H) x 177mm(D)

SUPPLIED ACCESSORIES

- ➤ Installation / Operating instructions
- ➤ USB Cable for Fixture Updates
- ➤ Memory Store

Ordering information

- ➤ Diablo: 00-760-00

zero88

CE
Certified

SPECIFICATION

ENGINEERING SPECIFICATIONS

ELECTRONICS

The lighting control console shall provide lighting control of 18 generic channels and up to 18 intelligent fixtures. It shall be possible to store at least 108 memories and 12 chases each of 250 steps.

The console shall have 12 faders which shall be used to playback memories, program channels, fixture parameters etc. Each fader shall have a flash button. When playing back chases there shall be a master, fade and speed fader. It shall be possible to playback chases manually, from a sound trigger, using beat control or speed.

The console shall provide an editing mode whereby the operator can view and adjust the level of any stored channel.

The console shall have a plug-in memory module, which will backup the entire contents of the console.

The main user interface shall be a menu driven 4 line, 20 characters per line, backlit LCD display with 6 Soft Buttons (arranged 3 each side). The top line of the display will typically show the current menu page title. The lines below will indicate the current function of the 6 soft buttons. One soft button will typically be 'Back' to return to the menu above. If more than 5 other options are applicable, one soft button will be 'More..' to go to more options

The console shall have rear-mounted connectors for the control outputs. A single 5 pin XLR fixed socket shall be provided for DMX. A sound and remote connection shall be provided.

The console shall be tested both at assembly and at finished product stages.

OPERATION

The LCD display shall show the operational mode of the console. LED's in the flash buttons shall show the status of each fader. The console shall have a 'super user' mode containing advanced functions.

The console shall have a selectable recovery option in the event of a power failure.

ELECTRICAL

The console shall operate from a single phase supply. A single PSU shall be provided with the console. The supply voltage for all variants shall be 90 - 253 VAC and the supply mains frequency shall be 47 - 63 Hz.

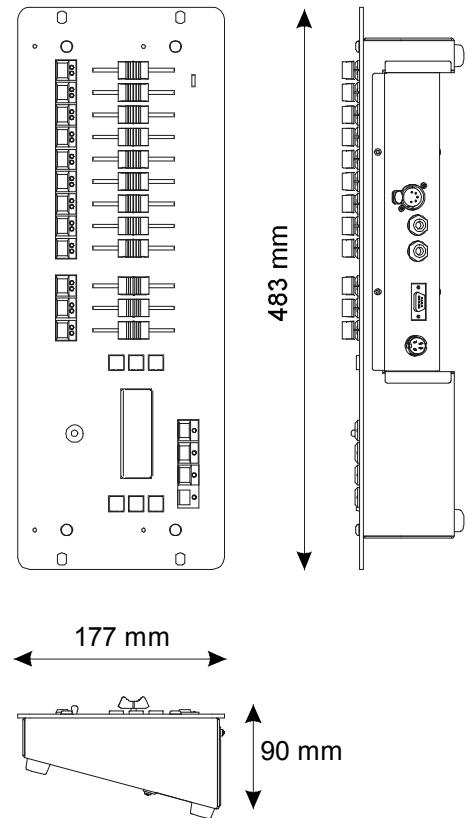The unit shall consume no more than 10 Watts.

MECHANICAL

The lighting control console shall be designed to be freestanding and shall also be suitable for mounting in a standard 19" rack.

The console shall be 483mm wide, 177mm deep and 90mm in height. The console shall weigh no more than 4Kg.

The chassis shall be constructed of steel and provided with a removable front panel for access to internal electronics.

All metal surfaces shall be properly treated and finished in specialist paint or powder coat.

All operator controls and displays shall be provided on the top operating surface of the console.

483 mm

177 mm

90 mm

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