



[C]Box 72
72 Ch DMX (C)onverter

User's Instruction

Product Descriptions

This C-Box 72 is universal signal converter that converts DMX to Analog signal and MIDI to Analog signal. This allows you to use your analog dimmer and power packs with a DMX controller or MIDI sequencer. This unit can convert up to 72 DMX channels. This unit may also be used as a 72 channel chaser.

Power input: AC 230V~50Hz

Fuse: F1A 250V 5x20mm

Convert the signal from DMX 512 to 72CH. analogue output

Convert the signal from MIDI to 72CH. analogue output

The front panel alpha-numeric display shows the DMX initial address & program options

The last scene remains when DMX disappears

Pre-store a scene and is available for emergency

Memory backup

Chase function can be selected from 1-72 channel, chasing speed under controlled

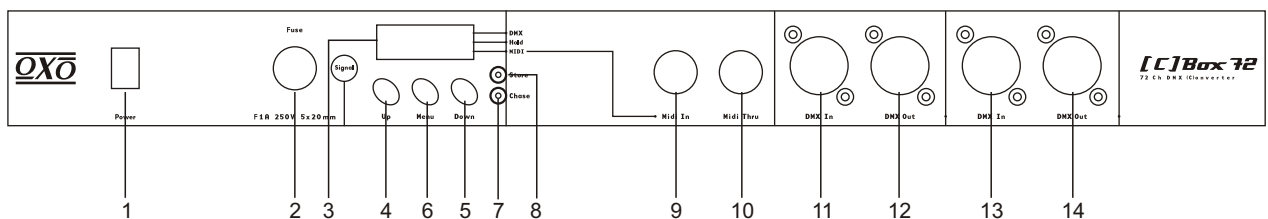
Analogue output can be selected from +(-)10V, +(-)12V, +(-)15V

Receive NOTE ON/OFF signal of MIDI

Dimensions: 483x125x42mm

Weight: 2.3 Kg

Controls & Functions



1. Power Switch

2. Fuse: F1A 250V 5x20mm

3. 7 Segment Display:

Shows the DMX initial address & program options

4. Up button: Enhances the DMX address or program options

5. Down button: Attenuates the DMX address or program options

6. Menu button: Press to enter DMX or MIDI setting mode and confirm the setting.

7. Chase button: Press to enter CHASE mode and the 7 segment display shows CHAS, then you can adjust

chasing speed from SP01 to SP99 and the channels from C-01 to C-72.

8. Store button: Press to store a scene or to run a pre-stored scene.

9. MIDI IN connector: Receives MIDI data.

10. MIDI THRU connector: Repeats or send MIDI input.

11. 3 pin DMX IN connector: XLR male socket used to receive DMX signals.

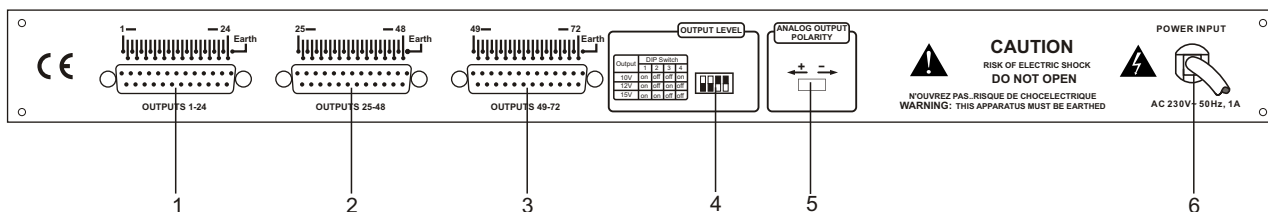
12. 3 pin DMX OUT connector: XLR female socket used to send DMX signals.

13. 5 pin DMX IN connector: XLR male socket used to receive DMX signals.

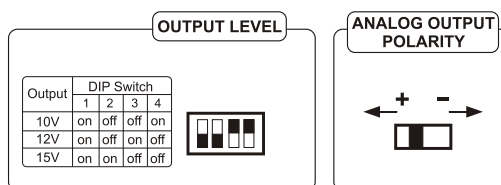


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Rev 1.0



1. 1-24 channel output connector
2. 25-48 channel output connector
3. 49-72 channel output connector
4. Output level: 10V, 12V and 15V are available by changing the setting of 4-dipswitches.(see right figure.)
5. Analogue output polarity: Move to the left for "+" output, right for "-" output. (see right figure.)
6. Power input: AC 230V~50Hz, 1A



OPERATING INSTRUCTIONS

1. Turn the power switch on.
2. Press MENU button for 3 seconds to enter mode setting.
 - MODE SELECT press UP/ DOWN button to select DMX or MIDI MODE, the matching led blinks, then press MENU button.
 - DMX MODE When DMX led blinks, the 7 segment display shows the blinking DMX initial address(A001-A512), press UP/DOWN button to select desired address and then press MENU button again.
 - MIDI MODE When MIDI led blinks, the 7 segment display shows the blinking channel NO. (CH01-CH16), press UP/DOWN button to select desired channel, press MENU button again
 - HOLD MODE When the 7 segment display shows ON/OFF, the HOLD led is lit, press UP/ DOWN button to select ON or OFF. If it shows ON, the last scene remains when DMX disappears; if it shows OFF, the last scene doesn't remain.
 - SPEED SETTING Press MENU button once more, the 7 segment display shows SP01-SP99, press UP/DOWN button to select desired chasing speed.
 - CHANNEL SETTING Press MENU button, the 7 segment display shows C-01-C-72, select desired channel using UP/DOWN button, then press MENU button to confirm and leave mode setting. If you select C-48, the 1-48 channel will be executed periodically in the order.
3. When DMX led is lit, the 7 segment display shows the initial DMX address AXXX , and the 72 channel DMX signals beginning from the AXXX are converted to 72 channel analogue output. When DMX signal remains, the Signal led blinks.
4. When MIDI led is lit, the 7 segment display shows MIDI channel NO.(CH01-CH16), MIDI signals from NOTE NO.(22-93) are converted to 72 channel analogue output. When MIDI signal remains, the Signal led blinks.
5. When it is receiving DMX signal, after the scene setting is finished, press STORE button for 5 seconds till 900d display, now you have stored a scene. Release the button to return to DMX input.
6. Press STORE button to run a pre-stored scene, the 7 segment display shows 5E0r. In mode setting, this function is defeated.
7. Press CHASE button to enter CHASE mode, the 7 segment display shows CHAS.
8. You have three options for analogue output: +(-)10V, +(-)12V & +(-)15V.

WARNING!!!

1. THIS APPARATUS MUST BE EARTHED.
2. DISCONNECT THE POWER CABLE BEFORE OPENING.
3. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPARATUS UNDER A HIGH TEMPERATURE OR HUMIDITY AREA.