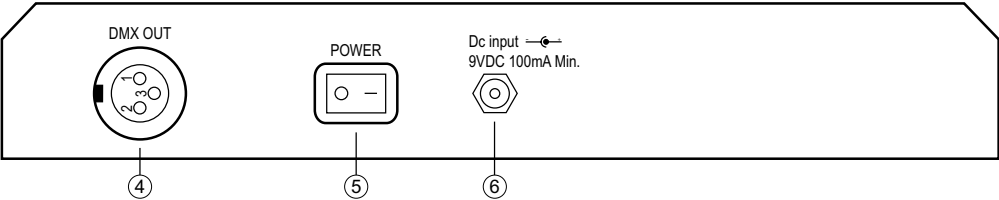
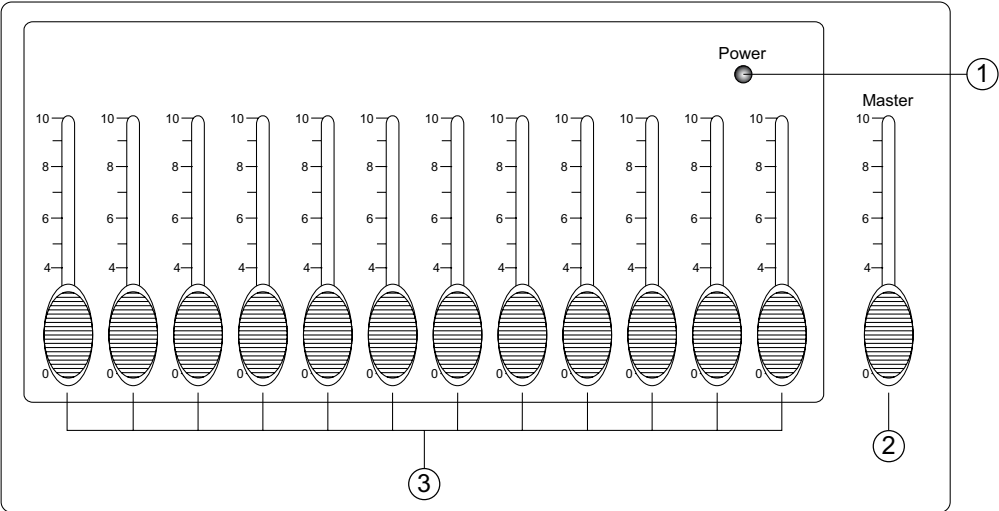


DATA SHEET

DDC-12

12-CHANNEL DMX CONTROLLER





Overview

The Stairville DDC-12 DMX controller can control up to twelve DMX channels of devices which are connected to its DMX output in a daisy-chain configuration. Each channel is controlled by a separate fader. The master fader can be used to control the whole group of channels at once.

Technical data

DMX output	3-pin XLR socket (female)
Power supply	9 V DC, 100 mA min.
Battery	9-V radio battery (6LR61, 6LF22)
Dimension (W × D × H)	256 mm × 173 mm × 61 mm (10 in × 6.8 in × 2.4 in)
Net weight	1.4 kg (3.1 lbs)

Top side

1	Power indicator
2	Master fader
3	Slave faders (channel 1 ... 12)

Rear side

4	DMX output socket
5	Power switch
6	9 V power inlet

Operating conditions

Always install and use the device in accordance with these instructions.



Notice

To avoid the risk of damage do not subject the unit to any liquid or moisture. Do not install the unit near any direct heat source. Keep the unit away from naked flames.

Power supply

You can use either the power supply unit for 230 V mains operation or a 9-V battery. The power indicator (1) shows that the device is turned on and the required input voltage is present.

DMX connections

Connect one of the DMX devices that you wish to control to the DMX output socket (4). For failure-free operation make use of dedicated DMX cables and do not use ordinary microphone cables.

Connect the output of the first DMX device to the input of the second one, and so on to form a daisy chain. Always ensure that the output of the last DMX device in the daisy chain is terminated with a 120-Ω resistor.



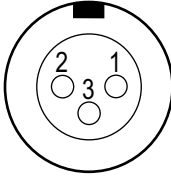
Notice

Never connect the DMX output to audio devices such as mixers or amplifiers. The voltages used on the DMX lines may severely damage the audio input circuits.

Never use more than one controller in a DMX chain.

DMX output socket

A female 3-pin XLR socket is used for the DMX output. The figure and the table below show the pin assignment viewed from the wiring side.

	
1	Ground
2	DMX data (-)
3	DMX data (+)

Channel and data encoding

The DMX controller sends a digital data value for each channel in accordance with the DMX protocol. The values are in the range from 0 to 255.

The Stairville DDC-12 always uses the channels 1 to 12. Make sure that each device connected to the controller is set up to one of these channels.

Changing the battery

To insert or change the battery, switch off the device first. Loosen the six screws located at the edges of the base plate. Do not loosen the three screws in the middle of the base plate.

Carefully remove the base plate. Take care not to damage the cables. Change the battery.

Remount the base plate without squeezing the cables. Insert and tighten the six screws.

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed and are not in the reach of babies and young children. Choking hazard! Do not just dispose these materials with your normal household waste, but make sure that they are fed to a recovery. Please follow the notes and markings on the packaging.

Disposal of your old device



Electrical and electronic equipment often contain materials which can be unhealthy and environmentally harmful, if not properly treated and disposed of. However,

they are essential for the proper operation of your device. At the end of its operating lifetime, do not dispose the device with your normal household waste.

This device is subject to the European directive 2002/96/EC.

Dispose this device through an approved waste disposal firm or through your local waste facility. When discarding the unit, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

Batteries do contain some hazardous chemicals so they should not be thrown away with the normal household waste. They should be returned to the manufacturer for disposal or recycled elsewhere in accordance with your local regulations.