Audio DMX Player

Device description

The new DMX-512 protocol-controlled audio player.

The device can be controlled directly or with the use of any driver operating in the DMX-512 standard. The player can cooperate with DMX devices in four or seven-channel modes.

The SD/MMC card can be uploaded with up to 85 tracks saved in the WAV format of any length, the only limitation is the capacity of the memory card.
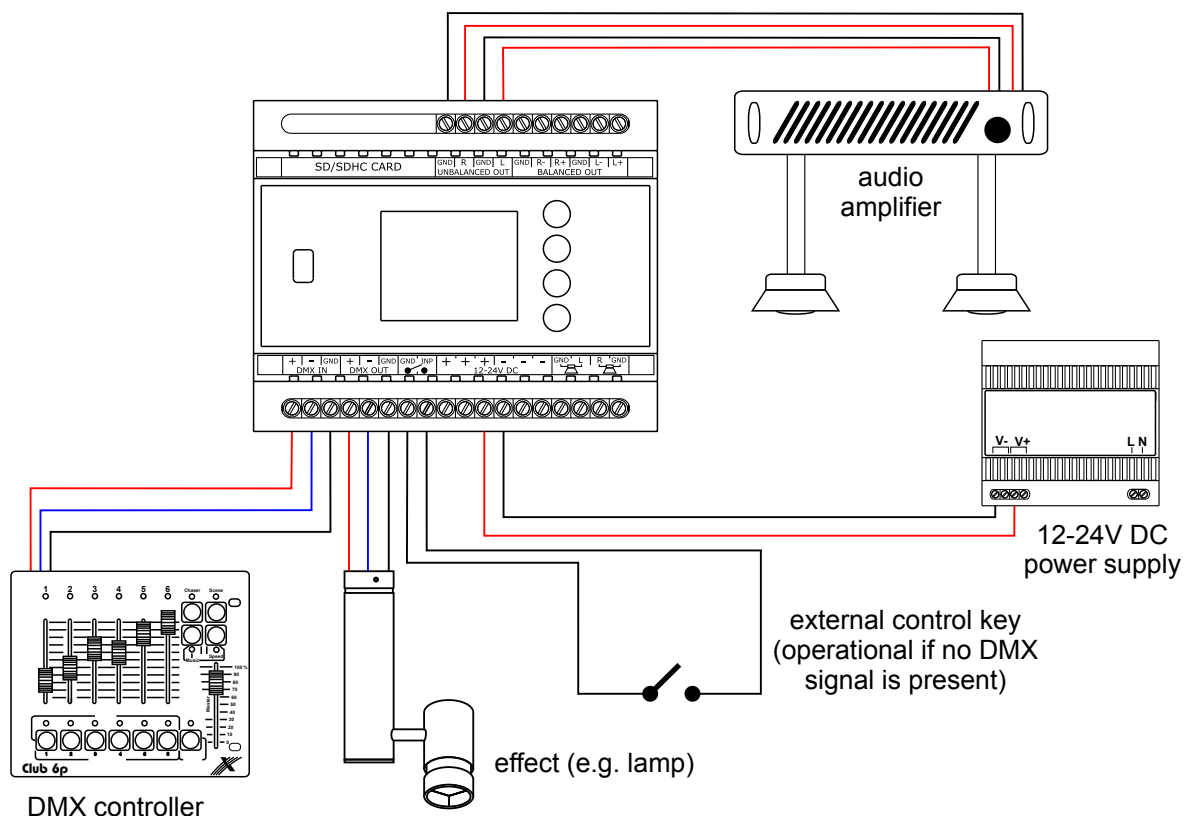
Functions implemented by PX249 using DMX control allow for playback, selection of a particular song, looping one and multiple tracks, smooth volume control, bass, treble and balance control. Additionally, there is a possibility to connect an external START button. Moreover, the menu of the device allows for defining the behaviour of the player if no DMX signal is present.

The unit is produced in a housing adapted for mounting on 35-millimeter DIN buses which facilitates installation to a great extent.
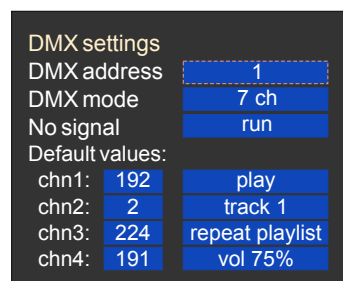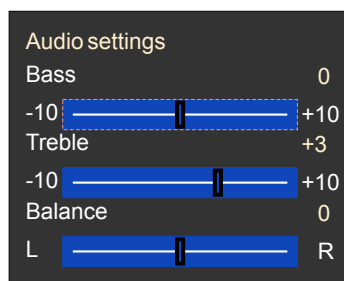
Technical data

Type:	PX249
Power supply:	12-24V DC
Control:	DMX-512
DMX channels:	4 or 7
Supported file formats:	.wav
Supported media storage:	SD/SDHC card
Power amplifier output degree:	class D
Amplifier power:	2 x 12W (for 4 Ohms load and 24V DC)
Amplification:	20 dB
Transmitted frequency band:	42 Hz - 21kHz
Load impedance:	4 or 8 Ohms
Types of audio outputs:	symetrical, unsymetrical and loudspeaker
Color screen resolution:	128x160 (1,8")
Total power consumption:	max. 1,3A (for 24V DC)
Dimensions:	width: 105 mm (6 DIN rail modules) height: 86 mm depth: 60 mm

Connection diagram

audio amplifier

12-24V DC power supply

external control key (operational if no DMX signal is present)

effect (e.g. lamp)

DMX controller

Screenshots of working device

NO DMX — No signal: run
playing — repeat playlist
001_Music.wav
00:38 / 06:30 — Volume: 98%
Menu >

Audio settings
Bass — 0
-10 +10
Treble — +3
-10 +10
Balance — 0
L R

DMX settings	
DMX address	1
DMX mode	7 ch
No signal	run
Default values:	
chn1: 192	play
chn2: 2	track 1
chn3: 224	repeat playlist
chn4: 191	vol 75%

Technical drawing

86 mm

105 mm

60 mm