DUO-NET PLAYER

MUSIC SOURCES

Dual Streaming & Media Audio Player

PRODUCT OVERVIEW

DUO-NET PLAYER is a double audio sound source that features full EclerNet compatibility (EclerNet Manager software, UCP control system, WPmSCREEN remote management, TP-NET third party integration protocol, etc.). It includes 2 independent stereo media players, each one being able to play Internet audio streams and local or networked audio media.

DUO-NET PLAYER can be used as a stand-alone media player or integrated as a piece of a full EclerNet system, as well as coexisting with third-party devices.

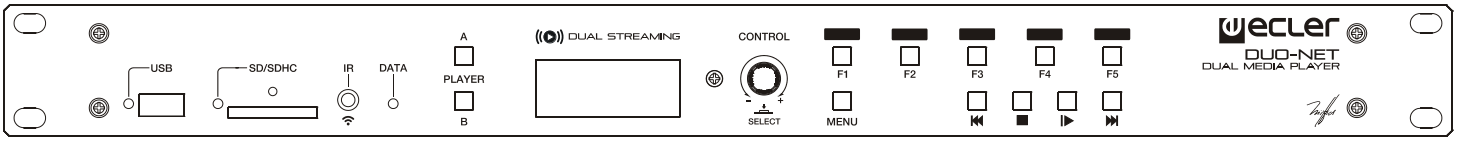
KEY FEATURES

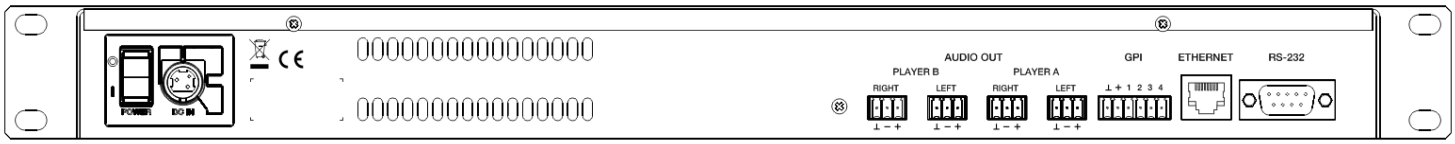
- 2 independent media players, each one linked to a dedicated stereo output
- Compatible with mp3, ogg, AAC, WAV and FLAC audio formats
- SD and USB slots for local storage media contents
- Ethernet interface (RJ45 connector) for EclerNet and TP-NET control, Internet streaming reception and networked media playback
- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with WPmSCREEN and third-party client devices (iOS©, Windows© and Android©)
- 4 GPI ports (General Purpose Inputs) to trigger events
- IR remote control for basic end-user control
- Priority media (emergency, advertising, etc.) over program audio
- Universal external power supply (multi-plug)

APPLICATIONS

- Audio sound source in A/V corporate, retail and education applications
- BGM & Paging solutions, with message priorities and independent audio source independent selection
- Integration in installation global control systems

MECHANICAL DIAGRAMS





TECHNICAL DATA

ETHERNET	
Connector	RJ45
Speed	10/100Mbps
AUDIO OUTPUT	
Nominal output level	+6dB (balanced) 0db (unbalanced)
Max Output Level/Minimum Load	+12dBV / 5kΩ
Freq. Response	5Hz - 24kHz (-3dB)
Balanced output header	4 x 3 pin terminal block
Output impedance	300Ω
MEDIA PLAYER	
Audio DAC	24bit / 48kHz
Output Noise Floor (FFT)	-100dB (from 20Hz to 20kHz)
THD + Noise	< 0.005% (1kHz, 1Vrms)
Compatible file formats	mp3, ogg, WAV, AAC, FLAC, OPUS
SOURCES	
Network locations (Samba protocol)	
USB content	
SD content	
Internet Radio Streams	
GPI	
Number/input voltage	4 ports / 0 - 10VDC
Output header	6 pin Terminal block
RS232	
SubD female connector 9 pin	TP-net protocol
RTC	
Time and date retention (battery)	84 hours aprox.
RTC accuracy	±1 min. / month
PANEL	
MATRIX DISPLAY	160x64 pixels
Led indicator	USB, SD, NETWORK, PLAYER A/B, F1-F5, PLAY/PAUSE
Direct buttons	ENCODER, F1-F5, MENU, PREV, NEXT, PLAY, STOP, PLAYER A/B

SUPPLY	
DC supply	±17,5 VDC
Mains	100-240VCA 50/60Hz
Power consumption	15VA
MECHANICAL	
Dimensions WxHxD	482.6x44x120mm
Weight	1800gr
USB and SD card interfaces	
USB host interface	USB 2.0 High Speed (480 Mbps) Supports mass storage class devices (externally powered above 500mA current draw) Up to 2TB
Micro SD card interface	Supports SD ver1.0, SDHC Up to 32GB
FAT and files analysis	Supports FAT16, FAT 32 and VFAT Multi-partition up to 1 65354 playable folders 65354 playable folders within each folder 65354 playable files within each folder
Folder hierarchy	Up to 8 containing the root directory
Playable extensions	mp3, wav, ogg, aac, flac
Sorting in alphabetical order	UNICODE Up to 100 folders Up to 100 files by folder (Folders/files over 100 sorted in the FAT order)
ACCESSORIES SUPPLIED	
Main power cable, IR remote control unit	
Remote control battery	2 x AAA, LR-03 1,5V

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 information@ecler.es **www.ecler.com**