CMP30

All-in one digital audio player - CD, MP3 & FM tuner

Highlights:

- RS232 control
- CD player / MP3 player
- AM/FM tuner with RDS
- 1 x USB memory drive input
- 1 x SD/MMC memory card input
- Two fixed audio outputs
- One variable audio output
- Simutaneous operation of CD / MP3 and tuner
- ID3 and RDS information display
- Single track mode

Additional Inputs:

SD card USB RS232

Product information:

The CMP30 is an All-In-One digital audio source device which accommodates three different kinds of audio sources into one single device. It combines a CD-Player, MP3 player and AM/FM RDS tuner into one single rack space 19" housing, offering a flexible, multi-functional and compact solution for many applications where multiple source devices are needed. Some typical application examples can range from simple standard audio systems to the most complex and advanced Multi-Zone audio distribution systems. Besides the necessary control and function buttons, the CMP30's front panel also contains a clear LCD screen displaying the operation mode with the ID3 and RDS information of the currently playing track or radio station. Its CD slot, USB slot and SD/MMC memory card slot make it possible to play regular audio CDs, but also MP3 audio CDs and MP3 files stored on USB memory sticks or SD/MMC memory cards. On the rear side are three audio outputs provided. Two of them are fixed audio outputs with a constant line level output carrying the signal from the CD/MP3 player and the tuner. This way the CD/MP3 player and tuner can operate simultaneously, making the device perfect for Multi-Zone audio distribution systems where multiple audio sources are required. The third audio output is a Variable audio output with volume control. The signal present on this audio output can be selected between CD/MP3 and Tuner. An RS232 control port makes the operation possible from external control devices such as home automation systems.

Applications:

- Retail
- Houses of worship
- Clubs

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Inputs	Type		1 x Slot in CD loader (12 cm CD)
			1 x USB memory drive input
			1 x SD/MMC memory card input
Control			Front panel
			RS-232
Outputs	Type		1 x Tuner audio outputs (fixed level)
			1 x CD/MP3 audio outputs (fixed level)
			1 x Selectable audio outputs (variable level)
	Level	Fixed Outputs	-10 dB
		Variable Outputs	- ∞ ~ 0 dB
Frequency	Response (± 3 dB)		20 Hz - 20 kHz
Tuning range	FM		87.5 ~ 108 MHz
	MW		522 ~ 1620 kHz
Compatible filesystems	Playback		FAT16
			FAT32
Supported filetypes	Playback		WAV
			MP3
			WMA
Operating temperature			0° ~ 40° @ 95% Humidity
Power	Source		110 ~ 240 V AC / 50 ~ 60 Hz
	Consumption		10 W
	Supply		Switching mode

Product Features:

Dimensions		482 x 44 x 330 mm (W x H x D)
Weight		3.820 kg
Mounting		19″
Unit height		1 HE
Construction		Steel
Colours		Black
Accessories	Included	Antenna cable

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Architects' and Engineers' Specifications:

The audio source shall be all-in-one digital audio player, containing an AM/FM tuner and and mediaplayer supporting WAV, MP3 and WMA filetypes. Simultaneous operation of tuner and media playback on individual outputs shall be possible. The front panel shall contain an AC power switch accompanied with a blue power indicator LED. An LCD display shall indicate the current operation mode of the device, including RDS information from the FM tuner and ID3 information from playing media files. A front USB connection, SD/MMC memory card slot and slot-in CD loader shall be implemented, allowing playback from the inserted media. Three different outputs shall be implemented on the rear panel of the media player, including a fixed level output for tuner output, a fixed level output for CD/MP3 output and a variable output which can be switched between tuner or CD/MP3 and whereof the output level can be adjusted using a rotary dial on front of the unit. Besides the front panel which is fitted with all controls for a full system operation, an addional RS-232 command port shall be implemented on the rear side of the unit, allowing control from any home or industrial automation system. The audio source shall operate on a 110~240 V AC / 50~ 60 Hz mains network and shall be equipped with a removable power cord having a standard shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a fused IEC C14 type. The chassis shall be a single rackspace steel constructed 19" housing. Depth from mounting surface to rear supports shall be 330 mm and the weight shall not exceed 3.82 Kg.

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