DATA SHEET

PX865

Audio Amplifier 2 x 100W RMS



Device description

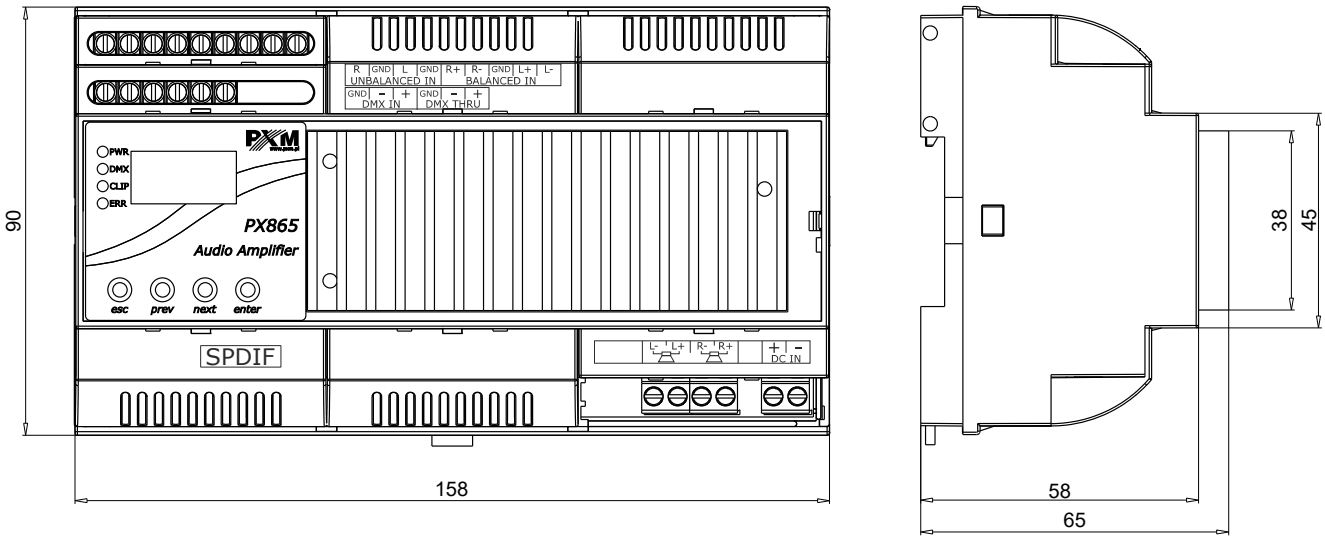
The PX865 is a compact audio amplifier with a power of 2 x 100W, designed for sound systems in commercial, office and industrial facilities. The device ensures high sound quality, stable operation and easy integration with permanent installations.

The amplifier is equipped with an unbalanced input, a balanced input and an S/PDIF input, which allows it to work with a wide range of audio signal sources. Separate output terminals for both channels allow you to power two independent speakers.

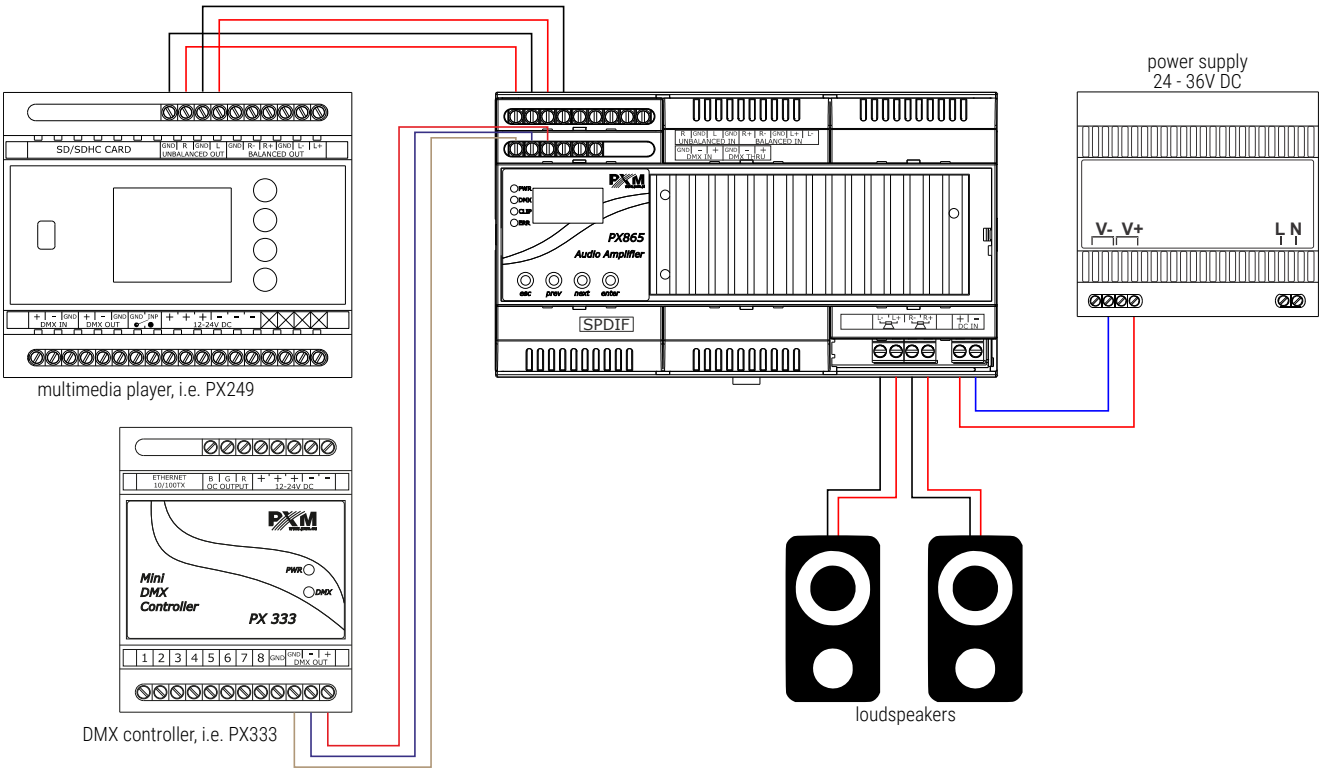
The amplifier is controlled via a DMX signal. Additionally, the PX865 implements the RDM protocol.

The device is powered by 24 – 36V DC and enclosed in a plastic housing, adapted for mounting on a standard 35mm DIN rail used in switchboards and control cabinets.

Technical drawing



Connection diagram



Technical data

type	PX865
power supply	24 – 36V DC
DMX IN / OUT channels (occupied)	512 / 512 (2 / 4 / 5)
RDM protocol support	yes
control	DMX
programming	display and 4 buttons RDM
power amplifier output stage	Class D
amplifier power	2 x 100W*
gain	26dB
input sensitivity	balanced: 0 dBu (0.775V RMS) unbalanced: 0 dBu (0.775V RMS)
frequency response	20Hz – 22kHz
load impedance	4 or 8 Ohm
input connectors	1 x S/PDIF 1 x balanced audio connector (screw connectors) 1 x unbalanced audio connector (screw connectors)
output connectors	loudspeaker (screw connectors)
DMX connectors	screw connectors
power consumption	max. 200W (36V DC at full RMS)
weight	0.5kg
dimensions	width: 157.5mm (9 DIN modules) height: 89.5mm depth: 58mm

* – power determined on the basis of RMS (Root Mean Square), i.e. a method of determining the effective value of a signal, which allows determining the actual, continuous power delivered by the amplifier to the loudspeakers.