

# DCA 1

Amplifier controlled remotely



**DCA 1** is a very versatile amplifier that can operate in many different ways, making it suitable for facilities in restaurants, small shops, etc.

**DCA 1** features an amplification system with 120W + 120W and 8 mono input sources, that depending on the configuration, can become in 4 stereo inputs. One of them has MIC input connection in stacking for priority functions and phantom power. Using DMX, you can select the input source and control the volume.

**DCA 1** also incorporates RS 232 and RS 485 communication ports for ASCII control commands.

All functions in the menu can be set easily, using the frontal encoder and showing the state in the 2x16 characters backlit LCD display.

The features that can be set include:

- Output volume
- Inputs assignement (and deleting)
- Priority values
- Control interface selection
- Password fuction
- Phantom enable/disable

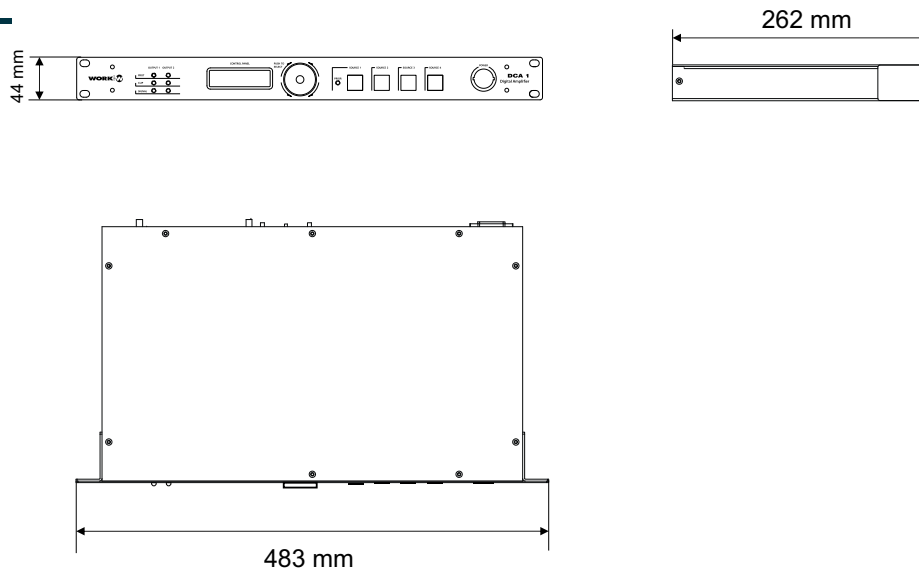
Moreover, the input sources can be selected manually thanks to the front push buttons.

## Features

- 120W + 120W amplifier.
- 2 independent zones with input source selection.
- 8 mono inputs (4 stereo LINE inputs).
- Input 1 with additional Mic input with priority and phantom power functions.
- Manual input audio source selection.
- Backlit LCD display.
- Encoder for menu navigation with configuration and function access.
- Power output through Euroblock
- RS 232 & RS 485 interface for control commands
- Monitor output for external amplification
- 1 HU rack 19"

## Dimensions

\* In mm.



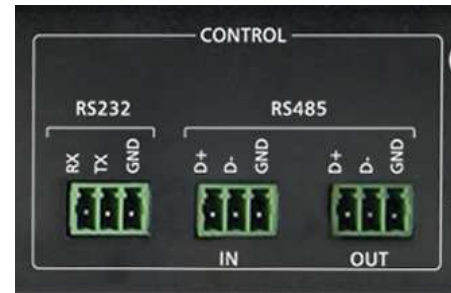
# DCA 1

## Rear View



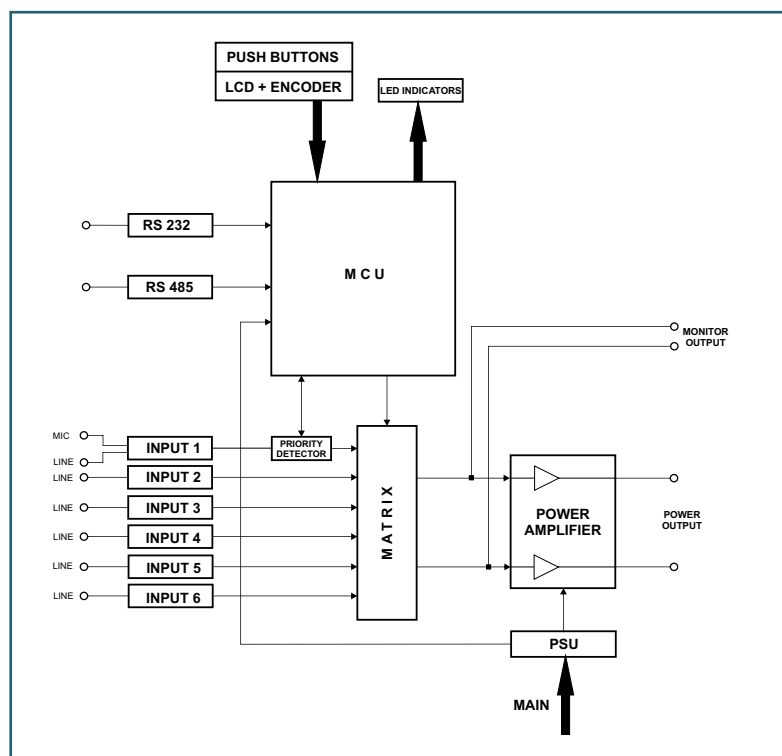
## Specifications

<b>Input source:</b>	6 mono inputs (4 LINE stereo)
<b>Outputs:</b>	2 powered outputs + monitor output
<b>Power Output:</b>	120W + 120W
<b>LINE input sensitivity:</b>	775 mV / 0 dBu.
<b>MIC input sensitivity:</b>	7.7 mV / -40 dBu.
<b>Input impedance:</b>	20kΩ
<b>Frequency Response:</b>	20 Hz - 20 kHz
<b>S/N Ratio:</b>	> 96 dB
<b>THD+N:</b>	< 0.01 %.
<b>Protections:</b>	Overheat, Short circuit, DC protection, CLIP.
<b>Phantom power:</b>	24V dc.
<b>Connectivity:</b>	RS232/RS485-DMX.
<b>Display:</b>	Blue colour backlight 2x16 alphanumeric LCD.
<b>Rear panel connectors:</b>	4 x RCA double (LINE inputs), 1x XLR3 (MIC input) 3x Euroblock_3 pin (connectivity), 2x Euroblock_2 pin (power output) 1x RCA double (monitor output), 1x IEC (mains supply).
<b>Front panel connectors:</b>	1x Encoder (Variation, navigation), 4x push buttons
<b>Indicators:</b>	LCD display, 4x green LED (direct selection) 4x green LED + 2x red LED ( amplifier state)
<b>Mains supply:</b>	AC 120 - 240V, 60/50 Hz
<b>Power consumption:</b>	250 W
<b>Dimensions:</b>	483 x 44 x 262 mm
<b>Weight:</b>	2.5 kg



RS232 & RS485-DMX interfaces for external control commands.

## Block Diagram



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