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PROUDLY DEVELOPED AND  
MANUFACTURED IN PORTUGAL

# DUAL C12A

Multipurpose Full range speaker  
Class D amplifier  
Fully programmable DSP



## Presentation:

The DUAL C10A is a active full-range speaker for use in PA systems or as an on-stage monitor. The 10" European transducer is capable of deliver excellent dynamic range, flat frequency response and a very low distortion figure which combined with 1" HF European driver coupled to a rotatable CD horn (for vert. and hor. operation) result in a superb sound quality and precise coverage at the highest SPLs. This speaker features Class D amplifier (up to 1400W) coupled to a fully programmable DSP (software controlled) with 5 adjustable and selectable presets on the rear panel for real time operation from USB port: configuration can be adjusted and parameters such as gain, mute, output limiter, delay, equalizer and parametrics are available. The input is XLR/jack combo connector and the output is an XLR connector that permits parallel operation of active speakers. Cabinet is constructed in a rugged and durable 15mm birch plywood with textured poliureia durable finishing and includes a Ø35mm stand support and 5x M8 mounting/flying points.

## Features:

- Multipurpose 2-way active speaker
- Bass reflex trapezoidal enclosure
- 12" MF + 1" HF European transducers
- Rotatable horn for ideal dispersion
- Class D amplifier, 1000W (peak)
- Fully programmable DSP, 5 selectable presets
- Universal mains 85-264Vac
- Built-in Electronic protections
- Integrated rigging system with 5x M8 inserts
- Rugged and durable 15mm birch plywood

## Other pictures:



Side View



Side View



Rear view





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## Technical specifications:

### Acoustical

Type	2-way active multipurpose monitor
Enclosure design	Bass reflex trapezoidal enclosure
Power handling capacity	360W (RMS) 510W (Program) 900W (Peak)
Frequency range	65Hz - 15kHz
Transducer type	12" MF (2.5in) EU transducer 1" HF (1.73in) EU transducer
Dispersion	90°x60° or 60°x90° rotatable horn
Crossover frequency	Adjustable by fully programmable DSP, 5 presets 48KHz sampling frequency 24 bit AD/DA converter
SPL max. (1W/1kHz)	132dB @ 1m

### Electronics

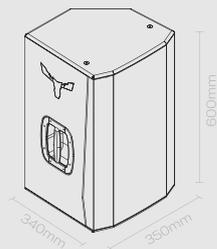
Amplifier type	Class D
Amplifier output	750W rms, 1500W (peak)
Audio input	XLR/Jack combo connector
Audio output	XLR 3p female
Indicators	Power, signal/preset
Controls	Master level control, 5 selectable presets
AC Mains	Switching power supply 85-264Vac universal mains
AC Mains connector	Neutrik® powerCON, Power-in (blue) / Power-out (grey)
Protections	Over current, short circuit, thermal, DC and HF protections

### Physical

Cabinet	15mm birch plywood, rugged polyurea coating
Grille	Custom perforated metal grille w/ acoustic foam
Color	Black textured
Hardware	Ø35mm pole mount, 5x M8 flying points
Dimensions	350x340x600mm / 13.78x23.62x13.39in
Weight	18Kg / 39.7lb

## Dimensions:

DUAL  
C12A



ACCESSORIES  
Wbracket

