

CCM112 POWERED MONITOR

- Co-Axial Point Source Monitor
- Smooth Off-Axis Response
- Superior Rejection Of Feedback
- Ultra Small Size And Light Weight
- Bi-Amped Self-Powered, Built-In DSP
- 700W Digital Class D Amplifier
- Four Deployment Angles Plus Pole-Mount



The YesMon CCM112 is a very compact bi-amplified, self-powered multi-angle wedge/utility monitor that can also be mounted on a pole stand to be used as an extremely size-conscious main speaker or DJ monitor. In a word, it's versatile.

The CCM112 features a 12" woofer with a 2.5" voice coil and a 1" exit compression driver. The high-frequency horn is concentric within the woofer, making it a true point-source cabinet. The woofer's power handling is 250W RMS and 500W program. Amplification is provided by a 700W, 2-channel Powersoft module with integrated DSP.

Any speaker that has the tweeter horizontally or vertically offset from the mid-frequency driver produces very different response as one moves through its coverage area from the tweeter side to the woofer side. This is due to the different distances the sound has to travel to reach the ears. Thanks to the co-axial construction of the CCM112 driver, the path length difference between lows and highs is the same in any direction, allowing extremely consistent off-axis response regardless of which direction you move away from directly on center.

Because the CCM112 is a point-source loudspeaker, the sound heard to the left, right, above and below the speaker is very similar. For the audience, this means better quality sound across the entire listening area. For the performer this means less peaky response and fewer problems with feedback relative to where the microphone is moved. The main benefit of this is that the monitor can have a smoother, more intelligible response on stage. This generally allows greater gain before feedback, the benefits of which are that the monitor can be heard more clearly

and/or that the monitor can be played more loudly with less chance of feedback problems.

The CCM112 is extremely compact because the extra area that the tweeter would ordinarily take up on the front of the loudspeaker is eliminated. Instead the tweeter exits through the middle of the woofer, making it possible to make the cabinet barely bigger than a 12" woofer yet still incorporate a compression driver and horn, a 700W amplifier and an integrated digital signal processor.

The processor provides crossover functions as well as a full complement of protections, limiters and equalizers that ensure consistent, accurate and reliable operation. Even though the CCM112 is very small and very lightweight, there is nothing small or lightweight about its performance. This little box will amaze you with what it can do for output and with how well it does it.

The CCM112 has 3 angles in which it can be placed. One is for use as a floor monitor for a standing performer. The second is for use as a floor monitor for a seated performer. The third is a shallower angle that's useful if the CCM112 is to be used as a drum monitor on top of a drum sub or if you just want to put it on a table and use it as a DJ monitor. Finally it has a flat placement side so it can be used as a straight-ahead front fill. On that same surface it includes a pole socket mount so it can be mounted to a tripod speaker stand or on a pole above a socket-equipped subwoofer for use as a main PA speaker.

ACOUSTICAL

Loudspeaker Description:	Single 12 in. co-axial, compact bi-amplified, self-powered multi-angle wedge/utility monitor
Frequency Response (± 3 dB):	60 – 18,000 Hz
Maximum Sustained Output:	123 dB SPL, 1m, 2pi, half-space
Max SPL (Peak)*	133 dB
Nominal Dispersion (H° x V°):	80 x 80 (Conical)

ELECTRICAL

Amplification:	700 Watt 2 Channel Powersoft Class D Amplifier
Processing:	Integrated comprehensive DSP provides high pass, low pass, equalization, phase alignment and limiting
Electrical Connectors, Amplifier:	Neutrik powerCON Input (Blue) NAC3FCA
Electrical Connector, Mains:	Standard US 3-pin 120V electrical plug: NEMA 5-15 (Edison)
Voltage Operating Range:	90-250V. Auto-sensing, auto-switching, PFC universal power supply.
Current Draw, Nominal:	1A @ 120 Volts (typical, 1/8 max power)
Signal Input Connector:	XLR-F
Signal Output Connector:	XLR-M (pass-through only)
Controls:	Rotary Level Control with adjustment from Off to +12dB, Push-button Preset Select

PHYSICAL

Enclosure Type:	Bi-amplified, co-axial, multi-angle wedge
Transducer (Low Frequency):	1 x 12 in. diameter (300 mm) ceramic motor woofer with 3 in. (76 mm) copper winding voice coil.
Transducer (High Frequency):	1 x 3 in. (76 mm) diaphragm compression driver on 1.4 in. throat concentrically mounted wave guide
Cabinet Construction:	16 mm Baltic Birch plywood. Equipped with an integrated handle and a 35 mm pole socket mount with M20 threaded insert
Dimensions (HxWxD):	14.5 in. x 15 in. x 13.5 in.
Net Weight:	38 lbs
Shipping Weight:	43 lbs
Exterior Finish:	Rugged, black textured, bonded high-pressure polyurethane coating
Grill:	Black perforated, powder-coated steel.
Pole Sockets:	1 (35 mm, M20 threaded insert)
Handles:	2 Integrated Handles

OPTIONAL

Pole Options:	Threaded Pole for DJ112, CCM112 – 26 in. length and 48 in. lengths available
Stand:	35mm Pole Stand – Supports loudspeaker above subwoofer equipped with pole socket; Tripod Stand – Supports loudspeaker from ground
Covers:	Heavy-duty padded nylon transport cover with carrying handles
Faceplate:	Optional custom-cut aluminum faceplate
Online Information:	bassboss.com/ccm112

**Peak output is calculated using “industry standard” techniques. These calculation methods create theoretical specifications that are inflated over what can actually be achieved. BASSBOSS real world output specifications are provided as “Maximum Sustained Output” ratings, which reflect actual measured, continuous output levels.*

