

# PAX/PX12+



"every aspect from the cabinet to the electronics, had to be designed specifically for monitor applications so you can hear what you need"



The clever design cabinet with large scoop handle and 35mm top hat



Power and extension speaker sockets on side panel - less chance of damage



3 band EQ notch filter & mic & line inputs on the front panel - easy access

The PAX12+ marks Studiomaster entry into high quality stage monitoring... powerful, clear sound and great features.

While researching powered monitors we asked what you liked and, more importantly, what you didn't like about the gear that's currently available. It was clear that everything about a stage monitor system, from the cabinet to the electronics, had to be designed specifically for the job.

The result is the PAX12+, a product worthy of the Studiomaster name and capable of giving you the performance, the sound and confidence you need.

The cabinet is angled perfectly, so you can really hear it! It also takes up less space on stage, keeps the sound more focused and that reduces the sound picked up by other mics. A strong steel grille keeps your speakers safe. The hard wearing carpet covering and robust corner pieces all help the PAX12+ stand up to life on the road.

The two way speaker system, using a custom designed 12" low frequency driver, gives you a great sound even at high volume levels - the times when you really need to hear what's going on.

The EQ (or tone control) circuits were designed especially for the PAX12+. This gives you lots of control and saves wasting

the power of your amplifiers, reproducing the sounds you don't need.

The biggest problem with stage monitoring is feedback, however carefully you position the cabinets. To help solve this problem the PAX12+ is fitted with a high quality, variable notch filter. This affects a narrow band of sound and you can adjust it to pick out just the frequency that's feeding back. You can get your monitors much louder before they feed back.

The PAX12+ has balanced XLR and jack input connectors. The professional 3 pin XLR is ideal for microphones and makes it a very compact PA system for announcements or rehearsals. The jack input will accept line level signals from sources such as a mixing console. This signal is also sent to the LINK jack so you can connect to other PAX monitors.

**Features**

- **150Watt internal amplifier** powerful enough to be heard
- **Ideal cabinet angle** speaker points at you and doesn't take up too much space
- **Active notch filter** helps you reduce feedback
- **Multi-function** stage monitor, side fill or even a quality, compact PA system

**SPECIFICATION**

Speaker	12" Custom Design high output
HF Unit	High Frequency Tweeter
Finish	Black Carpet covering corner protectors, feet, scoop handle
Power Output @ 1% THD	120W @ 8ohms RMS 150W @ 4ohms (with PX12+) RMS
Distortion (amp)	0.008% (50W @ 8ohms)
Maximum SPL	116dB
Input Impedance	Mic 6k ohms balanced Line 33k ohms balanced
Input Sensitivity	Mic -30dBu Line -10dBu
Equalisation	Hi 12dB@5kHz Q=2, Mid 15dB@1.5kHz Q=0.9, Lo 12dB@90Hz Q=3.6
Notch Filter	-12dB @ 300Hz to 6kHz, Q=3.3, switchable with LED
Connection	Balanced XLR and jack, jack link out
Input	Jack external speaker socket
Output	
Power Requirements	230V Range ±10% 50/60Hz 4A Max
Voltage Selector	115V Range ±10% 50/60Hz 8A Max
Size (W x H x D)	553mm (21.8") x 380mm (15") x 450mm (17.7")
Weight (net/shipping)	16kg(35.2lb) / 19kg(41.8lb)

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