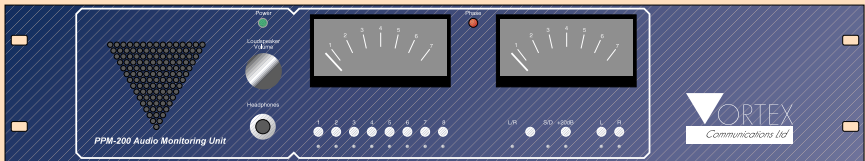


AUDIO

## PPM-200 AUDIO MONITORING SYSTEM

PPM-200



▼ PPM-208S stereo PPM with 8-input switcher

## DESCRIPTION

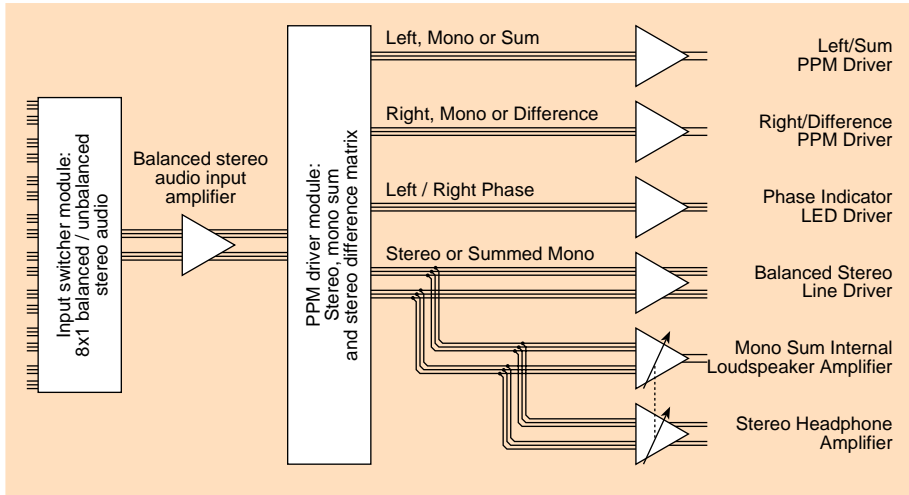
The PPM-200 Range of Audio Monitoring Units provide comprehensive accurate measurement of stereo and mono audio signals. The system is Eurocard-based and models can be supplied as either 2U rackmount versions or as 3U modules for integration with other cards from the VX-1100 Series. Great care has been taken to ensure the quality of the audio processing,, making the PPM driver and switching cards suitable for use in the programme audio chain. Stereo and mono versions are available, both of which can be supplied with 8-way input switching for source selection.

**The PPM Driver Card** can accept balanced or unbalanced input signals (with automatic gain sensing), and provides a number of outputs.

Sum, difference (with switchable 20dB gain), left, right and mono signals are internally produced and can be switched to the PPM drivers and outputs by means of front-panel switches. The tri-colour LED stereo phase indicator is standard, giving a clear signal phase indication from tone, and good indication even on programme audio. True mono audio with VCA control is fed via the loudspeaker amplifier to the internal loudspeaker whilst stereo audio is available for headphone monitoring from the headphone driver amplifier.

# PPM-200 AUDIO MONITORING SYSTEM

In place of PPM peak programme meters, VU and LED bargraph versions are available. The meter drivers can also be built with different law if required. The input switching card has 8 stereo inputs with automatic sensing and level adjustment for unbalanced signals. It is suitable for carrying programme audio, with distortion and crosstalk levels well within the requirements of broadcast audio.



## SPECIFICATIONS



### AUDIO INPUTS

Input switching  
Switcher connections  
Direct input connections  
Signals  
Level  
Maximum level

8 channel input selection  
EDAC or XLR (specify when ordering)  
3-pin XLR female  
Mono or stereo (depending on model)  
0dBu nominal, unbalanced signals lifted by 6dB  
+20dBu



### PPM

PPM law  
Monitoring  
PPM level  
Phase indication (with tone)

BS5428-9  
Left / right and sum / difference (switchable)  
Switch selectable +20dB for difference signal  
Red (out) green (in) LED



### AUDIO OUTPUTS

Line output  
Line output distortion  
Line output frequency response  
Headphone output  
Internal loudspeaker  
External loudspeaker driver

3-pin XLR male, 0dBu into 600Ω  
0.01% THD & noise  
20Hz to 25KHz  $\pm 0.05$ dB  
Adjustable level, 0.25" stereo jack socket  
Mono sum, 10W adjustable, isolated by headphones  
Optional, stereo in place of internal speaker driver

Vortex Communications Ltd  
75 The Grove, Ealing, London W5 5L, UK  
Tel: (+44) 020 - 8579 2743 ▼ Fax: (+44) 020 - 8840 0018  
E-mail: [info@vtx.co.uk](mailto:info@vtx.co.uk) ▼ Web: [www.vtx.co.uk](http://www.vtx.co.uk)

IN THE INTEREST OF PRODUCT IMPROVEMENT  
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
ALL TRADEMARKS ARE RECOGNISED

