



# TECHNICAL DATA SHEET

## PPM BOXES

57-901 to 57-936 ALL VERSIONS

### DESCRIPTION

Free-standing or rack-mount units incorporating Sifam Peak Programme Meters.

This range of boxed PPMs utilise mild steel enclosures to provide effective screening when used in proximity to colour monitors or VDUs. Care should still be exercised however when used in extremely close proximity to colour screens as some stray magnetic field may be present around the visible meter glass aperture.

Most versions incorporate overload LEDs to indicate the presence of signals which exceed a preset threshold (factory set at +8dBu). Stereo versions incorporate a switch to select the M (sum) level. An IND setting will display an M level of 0dBu when 0dBu signals are present on both of the A and B inputs. BBC setting will display an M level of +3dBu when 0dBu signals are present on both the A and B inputs.

### MODEL TYPES

Features of the standard types are as follows:

- Type A** One input connector; one loop-out connector; one 32AF meter; one overload LED.
- Type B** Two input connectors (stereo, or two channel use), two loop-out connectors, two 32AF meters, two overload LEDs. This type has no A/B M/S switching.
- Type C** Two input connectors (stereo use), two loop-out connectors. One type 74B meter which is switchable A/B M/S and M/(S +20dB). Two overload LEDs. One rear panel mounted IND/BBC M level display switch.
- Type D** Two input connectors (stereo use), two loop-out connectors. One type 74B meter that permanently reads A/B. One type 74A meter switchable M/S and M/(S +20dB). Two overload LEDs. One rear panel mounted IND/BBC level display switch.

**Type E** Two input connectors (stereo use), two loop-out connectors. One type 74B meter that permanently reads A/B. One combined PPM/VU meter, similar to a type 74 PPM but one PPM movement and one VU movement reading Sum (mono) on both movements, giving an indication to both measurement standards. Only available in Natural Ash case with grey panels.

**Type F** Two input connectors (stereo use), two loop-out connectors. One type 74B meter permanently reading A/B. One Canford phase correlation meter (58-348). Two overload LEDs.

### CASE STYLE

**Free-standing:** Available in a choice of four case styles: Natural ash over full steel lining with grey front and rear panels.

Black ash over full steel lining with black front and rear panels.

**Rac Rackmount 3U:** Grey front panel Black front panel.

### CONNECTION

The audio inputs are electronically balanced, with pin 1 screen, pin 2 positive phase, pin 3 negative phase.

### RE-ALIGNMENT

These units are aligned before despatch at our factory but realignment is straight forward and does not require specific tools. On the wood case versions the front panel should be removed, on the metal cased versions the top cover is removed by loosening (not removing) the screws around the edge. The presets on the drive cards located on the back of the meter are then accessible and should be adjusted as detailed below. Note: mains voltage is present on the underside of the power supply PCB though this is not normally readily accessible.

