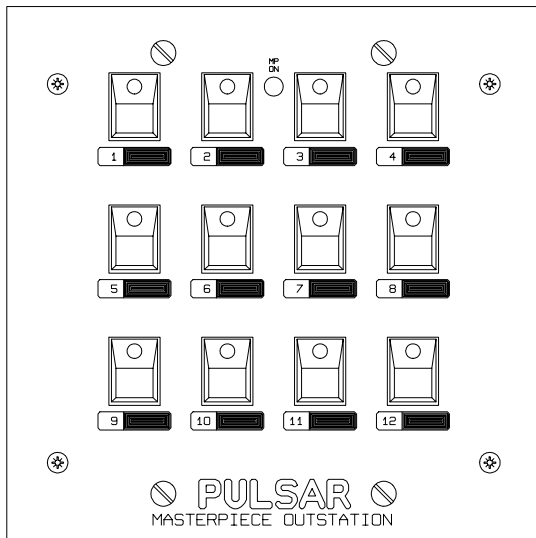


MASTERPIECE OUTSTATIONS



SPECIFICATION

29805ST 6Ch.Masterpiece Outstation Status Version
(With Knockout box - No Cables)

29800AA 12Ch.Masterpiece Outstation Basic Version

29800ST 12Ch.Masterpiece Outstation Status Version

The Pulsar Masterpiece Outstations complement the 48, 108 and 216 Channel Masterpieces as an optional Remote Controller. Once connected, the Outstation's "MP ON" LED will show when the Masterpiece is switched on. Pressing a front panel switch on the Outstation will select the Environment programmed by its internal DIL switch. The front panel switch's action can be Flash, Latch or Swap depending on the setting of the Masterpiece Keyboard.

CONNECTIONS

POWER SUPPLY - No mains connection is required. The Masterpiece Outstation needs 18-25V DC. This is automatically supplied by the Masterpiece Remote Control Socket as LVS (Low Voltage Supply) (or Is (Current Supply)).

OPENING - Remove the 2 (or 4) slotted raised head screws which hold the Front Panel to the Tray and carefully separate.

ST & AA VERSIONS - Examination of the rear of the PCB will show 1 column of connector blocks (2 in ST versions). The Left Hand (or shorter) column being the connector for the DIN cable to the Masterpiece Remote Socket. The connections are (from top to bottom): LVS (or Is), 1, 2, 3, 4, 5, 6, 0V.

ST VERSION ONLY - The Right Hand (or longer) column is an input to drive the 6 (or 12) switch LEDs. The 1 (or 2) DIN cables that connect here should be plugged into 1 (or 2) of the 0-10V Analogue Output Sockets on the Masterpiece. The connections are (from top to bottom): LVS (or Is), 1, 2, 3, 4, 5, 6, 0V, Is, 7, 8, 9, 10, 11, 12, 0V.

CABLE COLOUR CODING - The colour coding for the DIN cable is: LVS (or Is) - White, 1 - Brown, 2 - Red, 3 - Violet, 4 - Yellow, 5 - Green, 6 - Blue, 0V - Black.

RE-ASSEMBLY - Once the DIL switches have been programmed (see **PROGRAMMING** section) the Front Panel may be re-fixed to the Tray by means of the 2 (or 4) slotted raised head screws.

CONNECTION - The cable(s) are to be connected to the Remote Control Socket (and, if the ST version, the Output DIN Sockets) as described in the **ST & AA Versions** and **ST Version Only** paragraphs above.

PROGRAMMING

PROGRAMMING - ST & AA VERSIONS On the rear of the PCB are 6 (or 12) 6 way DIL switches, one for each Front Panel switch. These DIL switches allow each of the 6 (or 12) Front Panel switches to be programmed to produce a 6 bit number to select the functions described in "Appendix 4 - PULSAR Masterpiece - using the Remote Control Socket".

PROGRAMMING - ST VERSION ONLY As the LEDs within the switches are driven from 1 (or 2) of the 0-10V Analogue Output Sockets on the Masterpiece, 6 (or 12) of the 36 Analogue Output Channels must be set aside for LED driving. Each Environment selected must be programmed to drive the Output Channel which drives its LED. The LEDs are driven by the Masterpiece rather than the Outstation itself, so that when many Outstations are connected in parallel to a single Masterpiece all Outstation LEDs will be the same. Also they work in Flash, Latch or Swap depending on the Masterpiece Keyboard setting.

OTHER INFORMATION

STANDARDS - The Masterpiece Outstations comply with the following International and National Standards:

Electrical Safety - IEC65, EN60065, BS415

EMC - EN50081-1, EN55022, EN50082-1

Index of Protection - IP20

CE Marking Directive 93/68/EEC - The Masterpiece Outstations meet the **EMC Directive 89/336/EEC**.

These are low voltage units operating on 18-25V DC without a direct connection to the mains supply, they are therefore inherently safe as they operate on less than 75V DC as specified in the **Low Voltage Directive 73/23/EEC**.

GUARANTEE - 12 months from the date of original purchase. The guarantee is limited to parts and labour. The guarantee is void if the unit is misused or repairs are performed by unauthorised persons. In the unlikely event of a fault occurring, do not use without repair. Return the unit, with a description of the fault, to your supplier, or direct to Pulsar for immediate attention.

ACCESSORIES

The Masterpiece Outstations have been designed to work with and compliment the following products. Please contact us to receive further details of these superb products!

Product No.	Controller
23000	48Ch. Masterpiece Control Desk
24000	108Ch. Masterpiece Control Desk
20216	216Ch. Masterpiece Control Desk
27500	Masterpiece Replay Unit
27600	Masterpiece Stage Mimic
23900	Masterpiece Screen Driver

DIMENSIONS AND WEIGHTS

Code	Unit	Width	Height	Depth	Weight
		mm.	mm.	mm.	kgs.
29806ST	6Ch.Masterpiece Outstation (Status)	146.0	86.0	42.0	0.6
	Console Cut Out	138.0	76.0	45.0	-
	Front Panel Fixing Hole Centres	120.6	-	-	-
29800AA	12Ch.Masterpiece Outstation (Basic)	146.0	146.0	31.8	1.2
29800ST	12Ch.Masterpiece Outstation (Status)	146.0	146.0	31.8	2.1
	Console Cut Out	130.0	113.0	35.0	-
	Front Panel Fixing Hole Centres	60.3	120.6	-	-

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