

5 4 3 2 1

Factory wired interface shorting plug assembly.

With the supplied wiring (as shown below), the PB3 will operate without external interlock or RF off/on switches.

The front panel mounted RF output power control will be active.

Type DB25 female connector with metallized hood

Model PB3 Analog I/O Connections

Pin # Description

1	Common
2	External Interlock
3	Setpoint Input (0 - 5VDC)
4	
5	
6	RF Off/On
7	Forward RF Power Signal (0 - 5VDC)
8	
9	Reflected RF Power Signal (0 - 5VDC)
10	
11	
12	
13	
14	Control Select - Connect to Pin 16 for External (User) Control
15	Control Select - Connect to Pin 16 for Internal (Front Panel Pot) Control
16	Control Select - Common
17	
18	
19	
20	
21	
22	
23	DC Bias Signal (0 - 5VDC)
24	
25	

Notes

- 1) Connect Pins 1 & 2 together to satisfy the external interlock
- 2) Connect Pins 1 & 3 to an external 0-5V signal to externally set the output power
- 3) Connect Pins 1 & 6 to enable external RF On/Off
- 4) Connect Pins 1 & 7 to monitor Forward RF Power
- 5) Connect Pins 1 & 9 to monitor Reflected RF Power
- 6) Connect Pins 1 & 23 to monitor DC Bias Level
- 7) Connect Pins 16 & 14 to enable external output level control
- 8) Connect Pins 16 & 15 to enable the front panel pot output control

Manitou Systems Inc.
12 South Street
Danbury, CT 06810

www.manitousys.com
Tel.203.792.8797
Fax.203.792.7097

Title		
PB3 Interface shorting plug		
Size	Document Number	Rev
A	04-170060-05-S	1
Date:	Friday, March 10, 2006	Sheet 1 of 1

5 4 3 2 1