

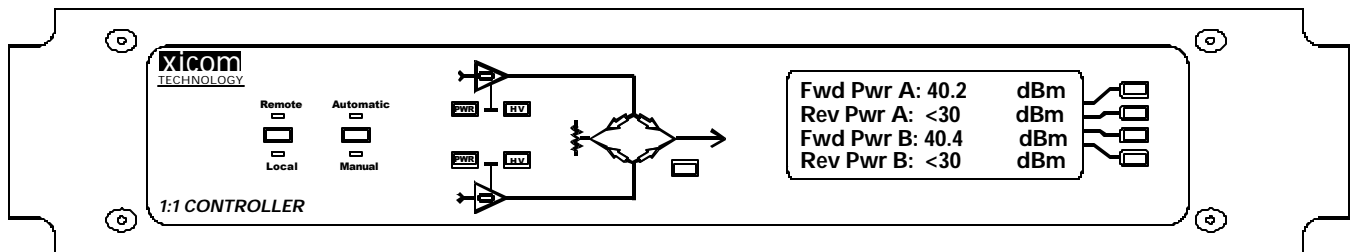
XTC-111D4

1:1 REDUNDANT TWTA CONTROLLER

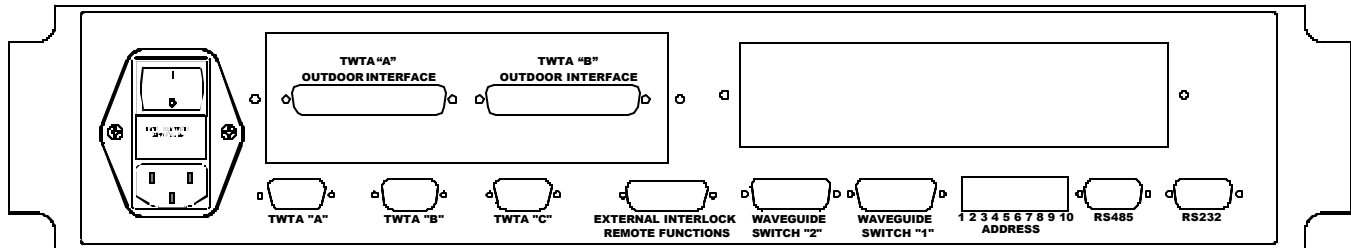
The XTC-111D4 1:1 redundant controller is designed to allow the redundant operation of Xicom Technology's analog antenna mount amplifiers. By providing a single interface point, users can communicate with both amplifiers by connecting a single RS-232 or RS-422/RS-485 serial connection to the controller rear panel. The front panel status and control functionality is available through the serial connection.

The XTC-111D4 is compact and requires only two rack units (3 ½ inches) of a standard 19 inch rack. The four line front panel display shows the status of the amplifier, including TWT temperature, helix voltage, and helix current. If the forward power option is purchased with the TWTA, power out can also be viewed on the front panel four line display.

Front Panel



Rear Panel



Monitor and Control

Control Functions	Status Indicators (four line display)	Status Indicators (LED)
<ul style="list-style-type: none"> • Local / Remote • Manual / Automatic • High Voltage On A / B • Channel Selected A / B • Fault Reset 	<ul style="list-style-type: none"> • Not Detected • TWT Temperature • Helix Voltage • Helix Current • Summary Fault • High VSWR Fault • Helix Voltage Fault • Helix Current Fault • TWT Temperature Fault • RF Power † • Reflected Power † 	<ul style="list-style-type: none"> • Local / Remote • Manual / Automatic • Power On • Filament Time Delay (FTD) • High Voltage On • Standby • Transmit Select A/B

† Only available if options are purchased with amplifier