

Service Bulletin

Testing CSAFE Voltage

Applies to: Openhub Consoles



Jack Location

The CSAFE specification mandates the use of a standard 8-pin modular plug and jack of the type used in data communications, typically referred to as an "RJ45" plug or jack. All new fitness equipment manufactured utilizes the 8-pin modular plug, including both the Embedded and LCD Openhub Consoles.

CSAFE plugs are located on the rear of the OpenHub consoles marked by a CSAFE tag:



Testing Pins

Pin out information is listed, to test for voltage use a multimeter on pins 5 & 7.

Pin #	Description
1	Left Audio (Input to fitness eq)
2	Right Audio (Input to fitness eq)
3	Receive data (Input to fitness eq)
4	Transmit data (Output from fitness eq)
5	4.75 - 10.0 VDC, max current 85mA (Output from fitness eq)
6	CTS (Clear To Send) Flow Control (Input to fitness eq)
7	Signal Ground (n/a)
8	Shield (n/a)

