

CB-2000 (Rev03) Wiring Instructions

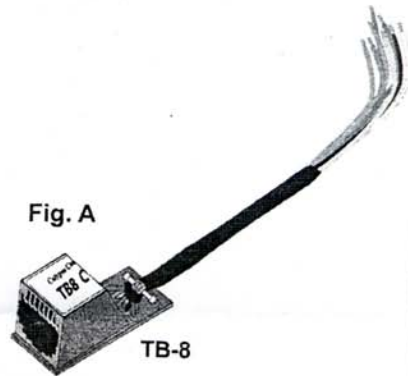
The Calypso CB-2000 wall mount button panel utilizes two RJ-45 ports located on the back of the product. The metallic colored port is the LAN port that uses a standard CAT-5e cable. The other port is for I/O and also uses a standard CAT-5e cable for transmitting IR and RS-232 signals, and for receiving power (Fig. B).

DO NOT PLUG THE LAN CABLE INTO THE I/O PORT. DAMAGE MAY RESULT TO THE DEVICE.

The other end of the I/O cable plugs directly into the companion TB-8 break-out block (Fig. A), which separates the signals across 8 colored-coded wires. This document provides the wiring details necessary for a successful installation of the I/O. See Fig. B for a complete illustration to setup the I/O.

CB-2000 TB-8 Pin-Out Guide

Pin #	Wire Color	Function
1	Orange	Tx1_Out
2	Brown	Tx2_Out
3	Red	Rx1_IN
4	White	Rx2_IN
5	Black	GND_Soft
6	Yellow	GND_(Power)
7	Blue	IR_OUT/GPI
8	Green	12v_In



Note 1: Alternate IR configuration on this pin possible with jumper change.

Sending Power to the CB-2000

The CB-2000 ships with a 9VDC power supply and a TB-6 terminal block, which is used to send power through the TB-8 and CAT-5e cable, to the CA-1000. This approach simplifies power distribution by eliminating the need for plugging the power supply near the installed CB-2000. Conversely, power can be drawn from a more convenient location, at the far end of the wiring harness, typically near the projector or other devices being controlled by the CB-2000.

