

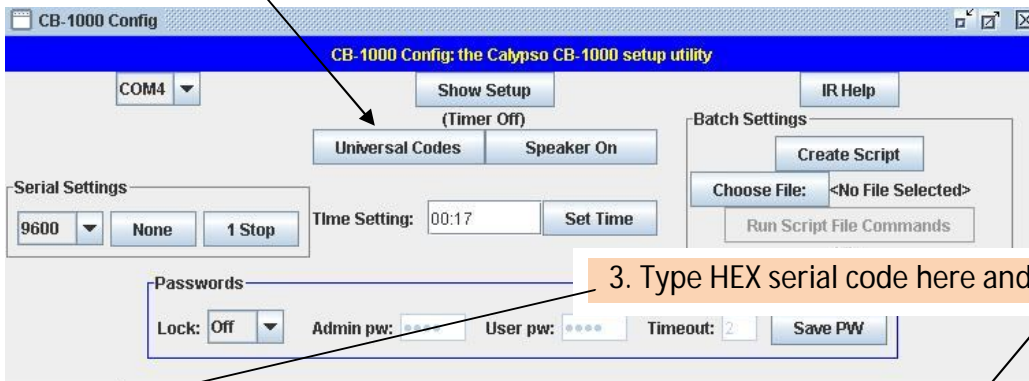
CB-1000 Rev 10.0 User Manual Addendum

Revision 10.0 of CB-1000 Button Panel firmware introduces three important new features. This addendum provides dealer instructions for setting up the new features. A full CB-1000 manual revision will be forthcoming shortly. Use of this Addendum assumes familiarity with prior versions of the CB-1000 and the full user manual. Note that CB-1000 Rev. 10 requires use of the matching revision of the CB Config Utility Software.


Outbound Serial Control Commands

With Rev 10 firmware, the CB-1000 is capable of sending outbound serial commands through its on-board RS-232 port. To take advantage of this feature, the unit's IR setting, as defined with the CB-1000 Config Utility, **MUST BE SET TO UNIVERSAL MODE**. Serial commands will not work if the units IR mode is set to CIRT1 or CIRT2.


1. Set To Universal



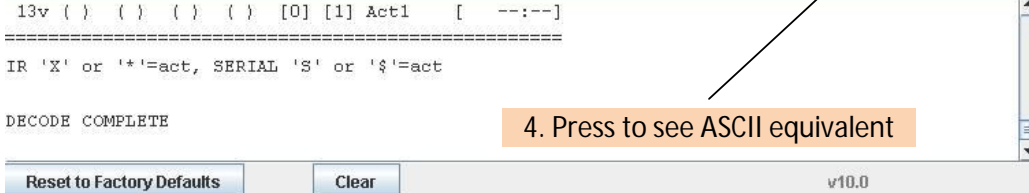
3. Type HEX serial code here and press Save



2. Press Serial Button



4. Press to see ASCII equivalent



010000000000

13v { } { } { } [0] [1] Act1 [--:--]

IR 'X' or '*'=act, SERIAL 'S' or '\$'=act

DECODE COMPLETE

Reset to Factory Defaults Clear v10.0

Set Alarm

Rev 10 provides a trigger that automatically sounds an alarm generated by the CB-1000. For example, the CB-1000 alarm will sound if the serial connection to the projector is broken. Note that alarm settings are enabled 60 seconds after the alarm is "turned on", providing time for the installer to connect cables.

The screenshot shows the 'CB-1000 Config: the Calypso CB-1000 setup utility' interface. It includes a top navigation bar with 'COM4', 'Show Setup', and 'IR Help'. Below this are sections for 'Batch Settings' (with 'Create Script' and file selection buttons), 'Passwords' (with 'Lock: Off', 'Admin pw', 'User pw', and 'Timeout: 2'), and a main configuration area. The main area has 'Learn IR: 1st Code', 'For Button--> #13', and 'For Action-->' (with 'Save', 'Get', 'Play IR', 'Hex' options). Below this is a 'Button Schedule' section with an 'Enabled' checkbox and 'Daily' frequency. The 'Alarm Settings' section has 'Time' (dropdown), 'T/O: 2', 'Loop: 4', and a 'Save' button. A terminal window at the bottom shows the command 'IR 'X' or '+'=act, SERIAL 'S' or '\$'=act' and the response '#IRS1310100000000045057523F'.

2. Enter the Hex, serial trigger. In this example, the projector is being asked to respond with its power status with the query "?PWR <CR>". If no answer comes back, the alarm is triggered.

1. Choose Button 13, which is the "virtual" alarm button.

3. Press Save.

4. Enable alarm by choosing method for turning the alarm off, either by Time Out duration (in minutes), via the keypad password, or both.

5. Set query frequency in seconds and press Save.

Batch Script

Using batch scripting, one can (a) save the configuration of the CB-1000 to an off-line file and (b) load off-line configuration files to the CB-1000 to quickly configure the device.

