Term dmxThru In & Out   Cat-5   DC In

I/O functions

There are five receptacles and one switch on the back of the Pocket DMX NETport.

1. DMX Terminator Switch (If device is last in DMX chain)
2. DMX Pass-Thru (For DMX pass-thru use when desired)
3. DMX IN (for HTP DMX merging with another console)
4. DMX-OUT (For output of DMX from the NETport)
5. Wi-Fi router Ethernet IN (uses CAT5 or CAT6 cable. Not included)
6. Power IN (uses included DC power supply)

Specifications

1. Dimensions: 7.5"w X 2"h X 4"d In Box = 11.5"w X 3.25"h X 7"d
2. Weight: 11.5oz. In Box = 1lb. 8oz.
3. Power Supply Voltage: Input: 120vac/25mA AC
4. NETport Voltage Input: 9vdc/175mA DC
5. Power Supply Output: Unregulated 9vdc @ 200mA
6. Connector: 2.1mm ID/5.5mm OD - Center Positive(+)
7. DMX Out: DMX1990 Standard 5pinXLR w/Pass-Thru & Merge
8. Break to Break (packet length) 32-45mS/33mS avg.
9. Updates per Second 31
10. Break – Min: 160uS Max: 244uS Avg.: 228uS
11. Mark after Break 21uS

WARRANTY

The BCi Pocket DMX™ NETport™ is warranted against manufacture defects for 90 Days after purchase.
Please return to BCi for repairs or replacement.

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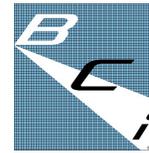
Pocket DMX™

with NETport

Instructions
&
Specifications

*** *Before you start to use the Pocket DMX™* ***
READ ME FIRST
Your i-"Device" of choice must be communicating via Wi-Fi to a wireless router and that router must be connected by an Ethernet cable to the BCi NETport. Please make sure all powered devices are "ON"
Note Cable Diagram in Quick Start Guide, pg. 4.

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Operating the BCi Pocket DMX™ App

Launching the app   On your i-Device, tap the BCi "*Pocket DMX*" icon to launch the application. At the bottom of the screen the **Restore Previous Settings** dialog box will appear. Choosing **Clear** will set the Master Fader to full and all channels to zero. It will also clear the patch. Selecting the **Restore** button will restore the app back to the patch, master and channel faders in the last state prior to any shutdown.

Shortcut Bar   The **Shortcut Bar** is located on the far right hand side of the screen and is the main navigation tool for the app. A quick tap of the shortcut bar quickly moves to the **Setup**, **Check** or **Patch** pages or to any of the 6 fader pages. Fader pages are listed numerically (**1-6**). **Setup**, **Check** and **Patch** are listed as **"S"**, **"C"** and **"P"** respectively.

Setup   The **Setup Menu** allows you to: set the options for Bump Buttons; display format; and reset the NETport DMX levels. Bump Buttons can be set to be either *Momentary* or *Toggle* mode. In Momentary mode the button will take the associated channel to the bump level as long as the button is depressed. In Toggle mode the button will take the associated channel to the bump level with the first push and return the channel to the standard level with the second push. The Values selection allows you to set the display format to %, Hex or DMX output display. Only one format may be selected at a time.

Hard Reset   The white **Reset** button on the DMX NETport allows you to *hard reset/reboot* the NETport. This button cuts power to the processor momentarily and reboots the unit whenever necessary.

Patch   The Patch Tablet page is used to create the soft patch used by the channels to control DMX levels or dimmers. The screen displays the channel numbers (**1 -36**) as square buttons. The currently available dimmer or DMX address is shown in the lower left hand corner of the display along with the output value of the patched channel. Pressing **"Last"** or **"Next"** steps you through the dimmers or DMX addresses. The currently patched channel will highlight in Blue. You can select any other button to patch the DMX address to another channel, or you can press the current patched channel button to unpatch the channel and set the DMX address to a level of 00. You can patch as many dimmers as you wish to any channel, but a dimmer may only be patched to one channel at a time.

Dimmer & Channel Check   The **Dimmer** and **Channel Check** function cycles through dimmers or channels in sequential order. You set the **check** level using the **Check Fader.** It forces the selected channel or dimmer to the check level by overriding the fader level in effect at the time. When you use "**Next**" or "**Last**" to cycle on to the next dimmer or channel it releases the previous selection to the established channel fader output level.

Fader Use   The **Master Fader** controls all fader levels generated by the **Channel Faders**. It is a proportional master meaning that the channel levels are relative to the **Master Fader** value. If the **Channel Fader** is at 80% and the **Master Fader** is at 50% then the channel output level will be 50% of 80%, or 40%.

The NETport LCD Display

The NETPort LCD display shows the firmware version and I.P. address of your NETport. It will look like : `NETport v0.6`
`192.168.1.2`