

DMX CONNECTIONS

Use a standard 5 pin XLR, DMX data cable to connect the **DMX-IT** to your DMX receivers.
(Pins 1-3 are used, 4 & 5 are not connected to the **DMX-IT**)

Note: **DMX-IT** products comply with the DMX512 standard as defined by the USITT specification and use a 5 pin XLR for interface connection and data transmission to DMX receivers. The wire type for DMX512 cable must be data cable designed for EIA485. This cable is low capacitance, twisted pair, shielded, and designed for high speed data. There are many brands and types that will work reliably. Standard pre-built cables can be purchased from any theatrical lighting supplier. Conversion to 3 pin XLR and use of microphone cable is known to be problematic and not recommended.

SPECIFICATIONS

Size: 7.6" L, 1.3" H(front), 1.75" H(rear), 3.75" W
(19.3cm L, 3.3cm H(front), 4.4cm H(rear), 9.5cm W)
Net Weight: 1.5 lbs. (0.68kg)

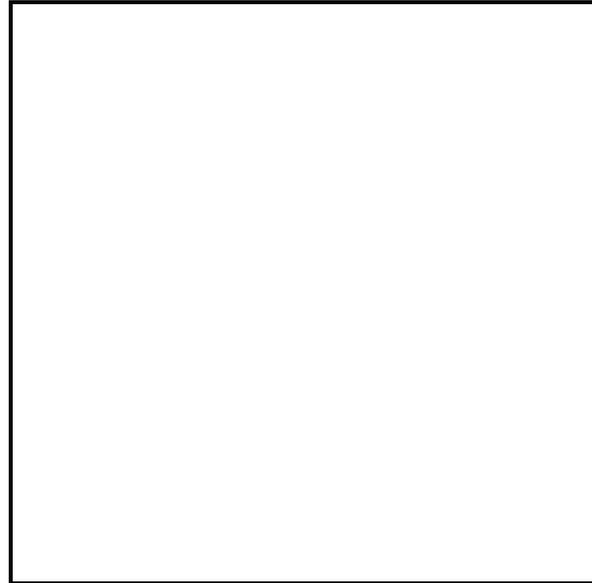
Power requirements: 4 AA alkaline batteries (not included) and/or a 9-12V 100mA AC adapter (included), with a standard 2.1mm x 5.5mm barrel connector.

Adapter polarity may be either center positive or center negative.

DMX-IT data control timing accuracy meets or exceeds USITT standards and provides highly stable outputs with no jitter or bobble headed values.

INTEGRATED CONTROLS, inc.
DMX-IT Service Policy Available on website

Dealer



The starting channel assign switches are read during the power up cycle of the **DMX-IT 12**. Changing the switch settings with power on will have no effect until the power is cycled off, then on again.



Unit is shown as shipped with starting channel set to 1

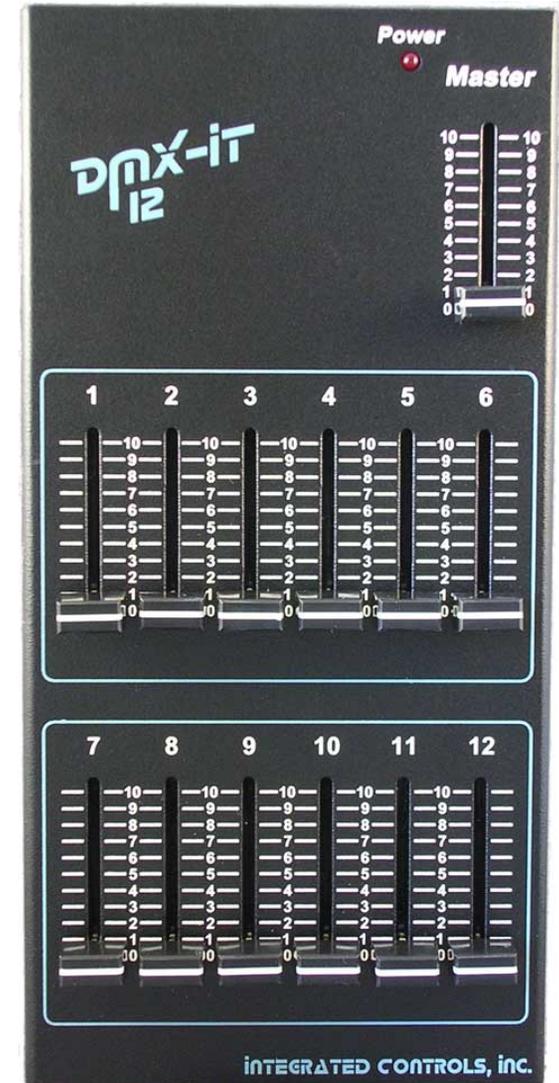
Designed and manufactured by:
INTEGRATED CONTROLS, inc.

2851 21st Street
San Francisco, CA 94110

Tel: 415-647-0480 Fax: 415-647-3003
email: sales@dmxit.com
website: <http://www.dmxit.com>

DMX-IT 12

Palm-Top Lighting Console
USER MANUAL



INTEGRATED CONTROLS, inc.

DMX-IT 12 SETUP and OPERATION

DMX-it models are **really** simple to use. For many applications, just set it to "1" and go to work!

Model **DMX-it 12** lighting console provides dimming control over any 12 consecutive channels of standard DMX512 receivers.

The **MASTER** fader controls the maximum output level for fader channels **1-12**.

The **CHANNEL** section has sliders **1-12** that set the level of an individual DMX channel.

DMX CHANNEL SELECTION for FADER CHANNELS 1-12

The starting address of the **DMX-it 12** can be any channel in the DMX512 address space. If the starting address is set to 25 then DMX receivers set to 25 through 36 will respond to the channel sliders **1-12**.

To change the starting address of the sliders **1-12**, set the DIP switches on the rear to ON so that the numbers:

1 2 4 8 16 32 64 128 256

add up to the starting channel you want.

Push down (toward the numbers) to turn them ON.

DO NOT USE A PENCIL, THE 'LEAD' IS CONDUCTIVE.

YOU MUST TURN THE POWER OFF FOR SEVERAL SECONDS, THEN BACK ON BEFORE THE NEW SETTINGS TAKE EFFECT.

CHANNEL SETTING RANGE

Available starting addresses for the **DMX-it 12** are from 001 to 511. With no value set on the address switches (all switches off/up), the unit will assume starting channel of 1. Setting the starting address to a channel number from 502 to 511 will result in the sliders controlling the channels from the starting address up to channel 512. The remaining sliders will be ignored. For example, with the starting address set to 511, channel sliders 1 & 2 will control channels 511 & 512. Sliders 3-12 will be ignored.

The starting channel assign switches are read during the power up cycle of the **DMX-it 12**. Changing the switch settings with power on will have no effect until the power is cycled off, then on again.

Some examples of switch settings and resulting starting channel numbers:

Slider number 1 = channel 1

1	2	4	8	16	32	64	128	256														
ON	OFF																					
1	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	+	0	=	1

Slider number 1 = channel 13

1	2	4	8	16	32	64	128	256														
ON	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF														
1	+	0	+	4	+	8	+	0	+	0	+	0	+	0	+	0	+	0	+	0	=	13

Slider number 1 = channel 93

1	2	4	8	16	32	64	128	256														
ON	OFF	ON	ON	ON	OFF	ON	OFF	OFF														
1	+	0	+	4	+	8	+	16	+	0	+	64	+	0	+	0	+	0	+	0	=	93

POWER

The **DMX-IT** operates on 4AA batteries or the supplied AC adapter.

The **POWER** LED indicates power is present when the power switch is turned on. If using batteries, the LED will flash when the battery voltage is low. If the batteries are too low to operate, the LED will turn off and the **DMX-it** will stop transmitting.

To conserve battery power the **DMX-it** stops transmitting when the Master slider is at 0.

NiCad or NiMH batteries are not recommended as operating life will not be acceptable due to their lower initial cell voltage. Expected battery life for alkaline batteries is 20-30 hours of operation

Replace the 4 AA batteries (not included) in the slide out tray by loosening the screw at the bottom front of the enclosure and sliding out the battery tray. It is not necessary to remove the screw completely, just loosen it enough to release the battery tray.

