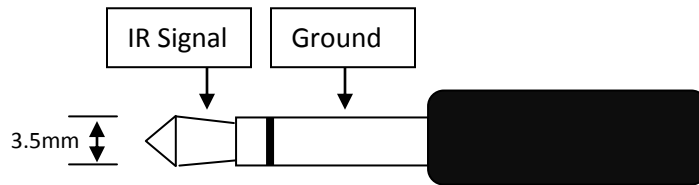


DVDO EDGE and iScan Duo Rear Panel IR Description

1.0 EDGE Rear Panel IR

The EDGE rear panel IR input jack provides a convenient way to “hardwire” your IR controller by eliminating the need to connect an IR emitter on the front panel.

The EDGE rear panel IR input is compatible with IR controllers that work with a standard two-pin 3.5mm (1/8”) IR emitter output plug as shown below.



IR signal range : 3V-12V

Figure 1: Mono plug that is compatible with EDGE IR Input

The diagram below shows a typical connection between EDGE and an IR connecting block such as those available from Xantech.

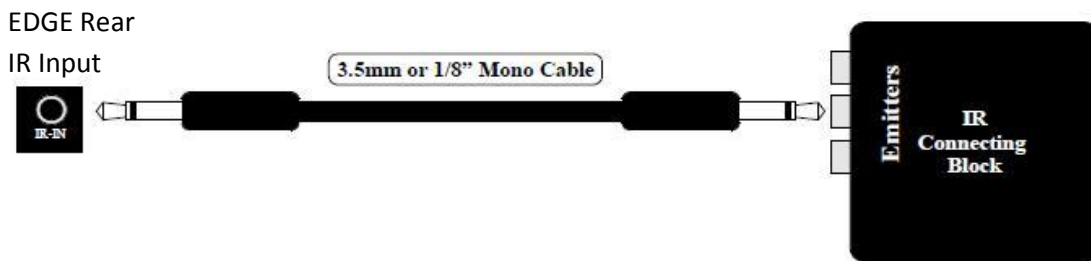


Figure 2: Illustration of IR connecting block to EDGE IR input

The IR connecting block and cable are available for multiple sources. The examples provided below are from Xantech.

<http://www.xantech.com/Infrared/Infrared/ConnectingBlocks/78944>

<http://www.xantech.com/Infrared/Infrared/IRAccessories/6017400/>

2.0 iScan Duo Rear Panel IR

The iScan Duo has a rear panel IR input, just like the EDGE. However, the iScan Duo also features an output jack that is a pass-through of the input.

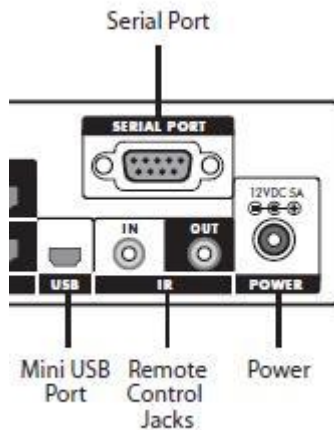
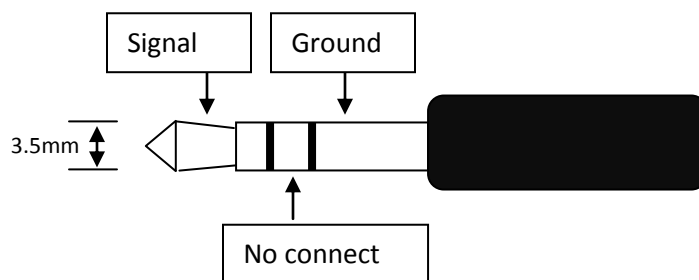


Figure 3: iScan Duo rear panel IR Jacks

The iScan Duo rear panel IR input performs that same function as the EDGE IR input.

Unlike the EDGE, the iScan Duo requires the use of a 3.5mm mini-stereo plug with the center conductor not connected. This is shown below.



IR signal range : 3V-12V

Figure 4: Mini stereo plug that is compatible with the iScan Duo IR Input

The diagram below shows a typical connection between the iScan Duo and an IR controller such as those available from Nilis Audio.

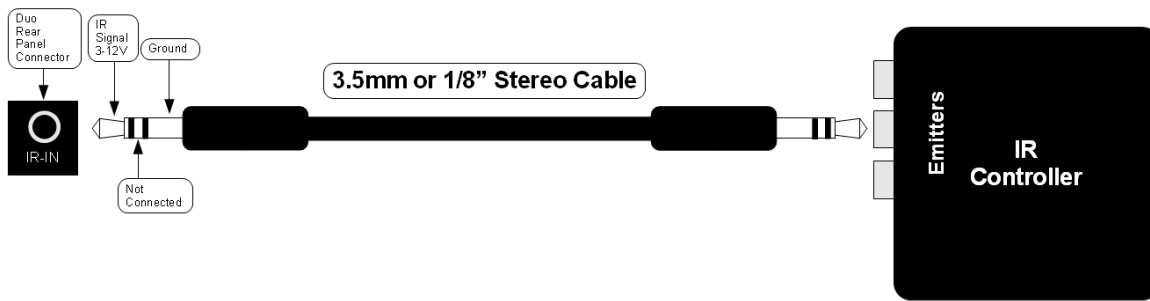


Figure 5: IR controller connection to the iScan Duo IR input

Here's an example of Niles Audio controller that has been tested with the iScan Duo.

http://nilesaudio.com/docs/manuals/MSU250_manual.pdf

The cable shown above is a common 3.5mm mini-stereo cable that is available from many electronic stores. The link below shows an example of such a cable.

http://www.consumer.philips.com/c/cables-connectors/6-ft-3.5-mm-m-3.5-mm-m-swa2162w_27/prd/en/ca/