IR-AC Installation Guide
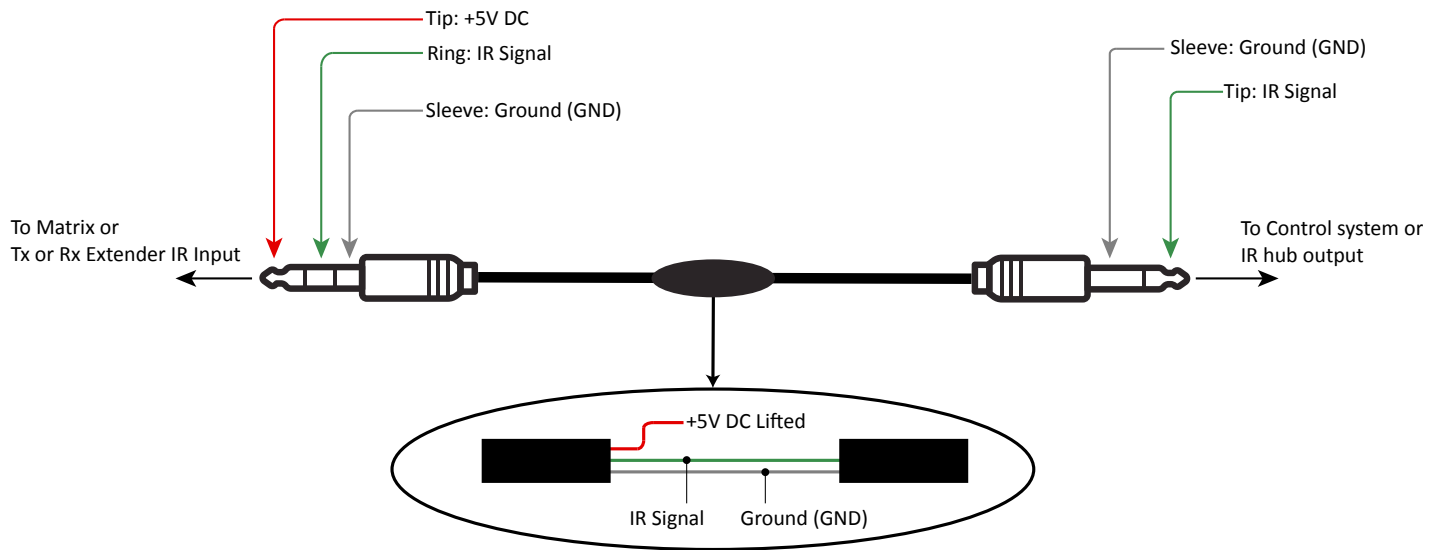IR to IR Adapter Cable
Rev 170925

The Intelix IR-AC allows direct IR to IR connections between devices. The IR IN (TRS) connector is compatible with an IR input which provides +5V DC to the tip of the connector. The IR-AC allows direct connection between a third party control system and an Intelix or DigitaLinx extender. The IR-AC will also allow daisy-chaining IR signals between Intelix and DigitaLinx extenders.
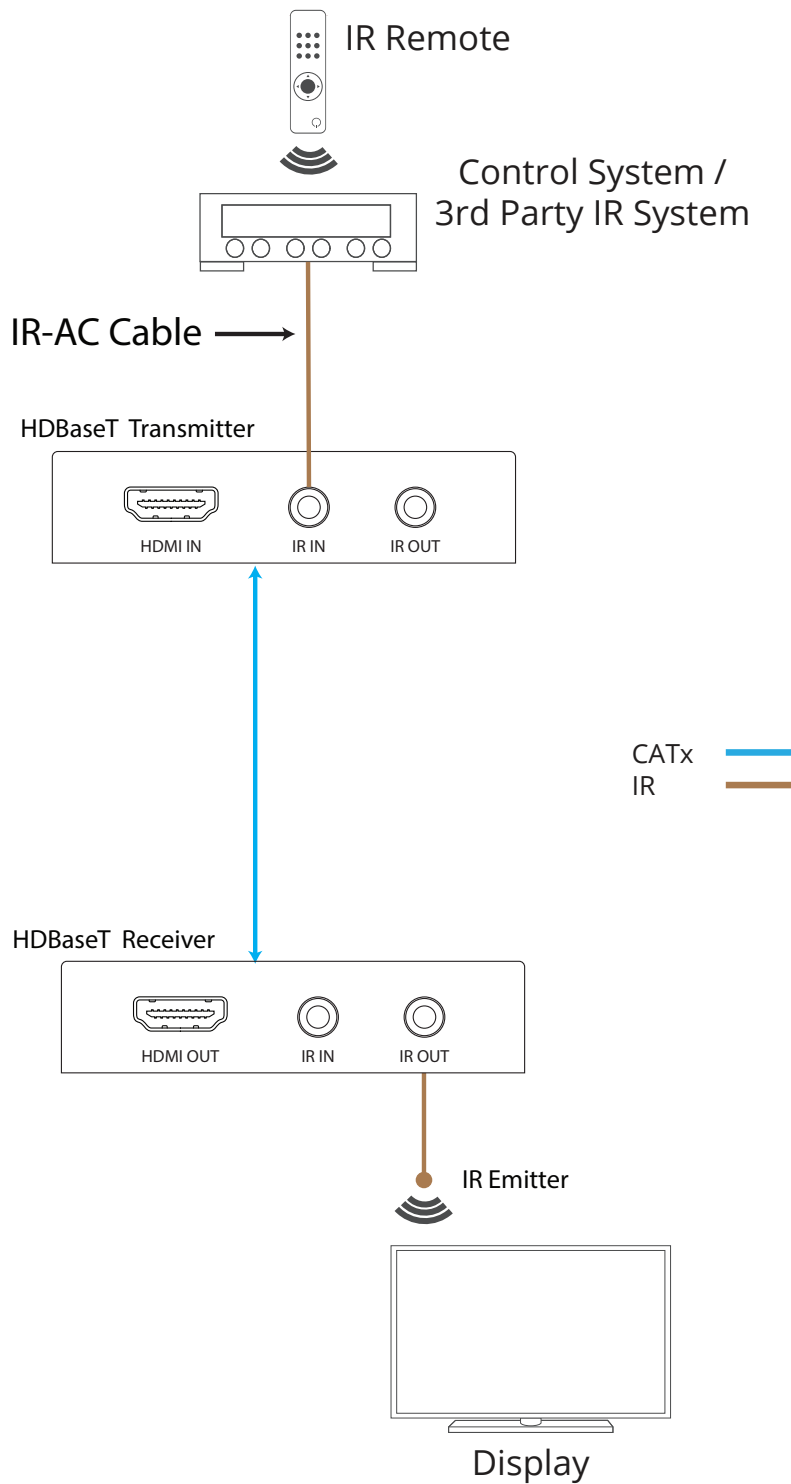
Instructions

1.   Power off all devices which will be connected with the IR-AC.

2.   Insert the end labeled IR IN (TRS connector) into the IR input of the IR receiving device which provides +5V DC to the tip of the IR receiver.

3.   Insert the end labeled IR OUT (TS connector) into the IR output of the IR transmitting device (control system, 3rd party IR circuit). The tip of the TS connector is the IR signal, the sleeve is GROUND.

4.   Power on all devices.

Cable Pinout / Explanation

Tip: +5V DC

Ring: IR Signal

Sleeve: Ground (GND)

Sleeve: Ground (GND)

Tip: IR Signal

To Matrix or
Tx or Rx Extender IR Input

To Control system or
IR hub output

+5V DC Lifted

IR Signal   Ground (GND)

Note: Voltage on Tip from RX may be differnt for non Liberty Devices

System Diagram Example

IR Remote

Control System /
3rd Party IR System

IR-AC Cable ⟶

HDBaseT Transmitter

HDMI IN   IR IN   IR OUT

CATx
IR

HDBaseT Receiver

HDMI OUT   IR IN   IR OUT

IR Emitter

Display

Thank you for your purchase.

If you have any product issues please contact technical support by phone at 800-530-8998 or by email at supportlibav@libav.com.

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11675 Ridgeline Drive
Colorado Springs, Colorado
80921 USA
Phone: 719-260-0061
Fax: 719-260-0075
Toll-Free: 800-530-8998