

Questions about IR RX&TX

The IR pin configuration as below:

IR RX uses stereo ear-phone jack as input, and its TIP=IR IN, RING=3.3V (or 5V) out (powered the IR receiver), SLEEVE=GND

IR TX uses mono ear-phone jack as output, and its TIP=IR OUT, SLEEVE=GND.

Note: "GND" means grounded with the chassis.

IR RX:



IR TX:



Downstream direction:

When IR control direction is from HDBaseT Transmitter to HDBaseT Receiver, these two ear-phone jacks used on both sides are MONO ones, and their pin configurations are same, like as:



Upstream direction:

The other direction, when IR control is from HDBaseT Receiver to HDBaseT Transmitter, IR input is on HDBaseT Receiver side and uses STEREO ear-phone jack on this side, its pin configuration like as:



IR output is on HDBaseT Transmitter side and uses MONO ear-phone jack on this side, its pin configuration like as

