

AC-EX70-UHD-KIT

ULTRA SLIM 4K HDMI VIA HDBASET 70 METER EXTENDER

QUICK START GUIDE

THE AVPRO EDGE PRIMARY EXTENDER IS THE MOST COST EFFECTIVE, STATE OF THE ART, AND RELIABLE SINGLE CAT 70 METER EXTENDER ON THE MARKET TODAY. IT SOLVES PROBLEMS FOR BOTH COMMERCIAL AND RESIDENTIAL MARKETS FOR DISTRIBUTING HIGH VALUE 4K UHD CONTENT FROM RACK TO DISPLAY. WITH THE ADDITIONAL ABILITY TO CASCADE EXTENDERS, AFFORDABLE AND RELIABLE HDMI EXTENSION IS NOW POSSIBLE. ADDITIONALLY AC-EX70-UHD-KIT OFFERS SOLUTIONS FOR UHD/ HD UNCOMPRESSED DISTRIBUTION IN RESIDENTIAL DIGITAL ENTERTAINMENT CENTERS, RETAIL STORES, AV EVENTS THAT REQUIRE RELIABLE AND LONG DISTANCE DISTRIBUTION, SUITABLE FOR DATA CENTER, CONTROL ROOMS, CONFERENCE ROOMS, SCHOOLS AND CORPORATE TRAINING ENVIRONMENT.



THIS QUICK START GUIDE WILL BE GOING THROUGH:

- AC-EX70-UHD-T
- AC-EX70-UHD-R
- INSTALLATION / RECOMMENDED CONNECTION ORDER
- RS-232 CONFIGURATION
- TROUBLESHOOTING

AC-EX70-UHD TRANSMITTER:

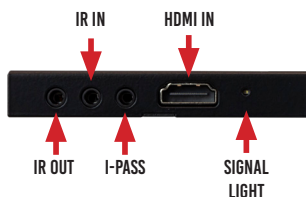
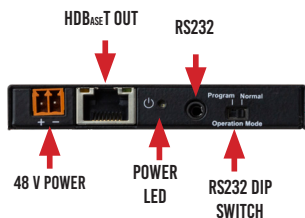
LIGHTS ON THE TRANSMITTER:

POWER - ON THE BACK BY POWER SUPPLY INPUT: **(RED)** THIS IS AN INDICATOR THAT THE POWER IS CONNECTED. THERE ARE ONLY TWO STATES FOR LIGHT:

- LIGHT IS ON= POWER SUPPLY IS CONNECTED AND FUNCTIONING.

SIGNAL - ON FRONT BY HDMI PORT: **(BLUE)** THIS INDICATOR SHOWS THAT THE HDMI SOURCE IS CONNECTED. THE STATES ARE:

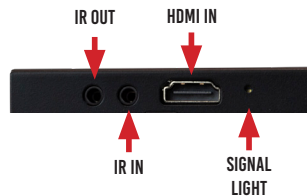
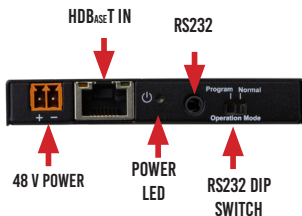
- LIGHT IS ON (SOLID) = SYNC W/ HDMI SOURCE IS CORRECT AND SOLID.
- LIGHT IS FLASHING = THE LIGHT FLASHES DURING THE SYNC PROCESS. IF IT IS FLASHING CONTINUOUSLY, A PICTURE MAY NOT BE PRESENT (SEE TROUBLESHOOTING FOR SOLUTION).



AC-EX70-UHD RECEIVER

LIGHTS ON THE RECEIVER:

- 1) POWER - ON THE BACK BY POWER SUPPLY INPUT: (RED)** THIS IS AN INDICATOR THAT THE POWER IS CONNECTED. THERE ARE ONLY TWO STATES FOR LIGHT:
 - LIGHT IS ON = POWER SUPPLY IS CONNECTED AND FUNCTIONING.
 - LIGHT IS OFF = POWER SUPPLY IS NOT CONNECTED OR THERE IS NO POWER PRESENT.(IN ORDER TO HAVE POWER: CHECK THE POWER SUPPLY, USP, OUTLET, ETC...)
- 2) SIGNAL - ON FRONT BY HDMI PORT: (BLUE)** THIS INDICATOR SHOWS THAT THE HDMI SINK IS CONNECTED. THE STATES ARE:
 - LIGHT IS ON (SOLID)= SYNC W/HDMI SINK IS CORRECT AND SOLID.
 - LIGHT IS FLASHING= THE LIGHT FLASHES DURING THE SYNC PROCESS. IF IT IS FLASHING CONTINUOUSLY, A PICTURE MAY NOT BE PRESENT.



INSTALLATION:

1. CONNECT CATEGORY CABLE FROM TRANSMITTER TO RECEIVER.
2. PLUG IN POWER INTO EITHER THE RECEIVER OR TRANSMITTER.
2. PLUG HDMI INTO THE SOURCE, THEN PLUG THE OTHER END OF THE HDMI INTO THE TRANSMITTER HDMI INPUT.
3. PLUG HDMI INTO THE DISPLAY, THEN PLUG THE OTHER END OF THE HDMI INTO THE RECEIVER HDMI INPUT.

RS-232 CONFIGURATION

SETTING DIP SWITCH SERIAL RS232 SELECTION:

- NORMAL (DEFAULT) - THIS IS THE STANDARD OPERATING MODE AND ALLOWS FOR RS232 PASS THROUGH.
- PROGRAM - THIS IS ONLY FOR FIRMWARE UPDATING THE UNITS.



IR CONFIGURATION

IR CAN BE USED IN 3 WAYS:

1. FROM RACK: USE AN IR SENSOR ON THE AC-EX70-UHD TRANSMITTER (IR IN PORT) TO SEND IR SIGNALS TO THE REMOTE END (RECEIVER) AND COME OUT OF THE IR OUT PORT WITH AN EMITTER.
2. FROM REMOTE END: USE AN IR SENSOR ON THE AC-EX70-UHD RECEIVER (IR IN PORT) AND SEND IR SIGNALS BACK TO THE RACK AND COME OUT OF THE TRANSMITTER IR OUT PORT WITH AN EMITTER.
3. CONTROL SYSTEM DIRECT: PLUG AN MONO 3.5MM CABLE INTO AN EMITTER PORT OF ANY CONTROL SYSTEM DIRECTLY INTO THE "I-PASS" PORT ON THE AC-EX70-UHD TRANSMITTER TO SEND PASS IR SIGNALS DIRECTLY TO THE REMOTE END.

TROUBLESHOOTING

- **VERIFY CONNECTIONS - CHECK THAT ALL CABLES ARE PROPERLY CONNECTED**

ON THE TRANSMITTER, IF THE BLUE HDMI STATUS LIGHT IS FLASHING, CHECK THE FOLLOWING:

- 1. THE SOURCE. PLUG IT DIRECTLY INTO THE DISPLAY TO BE SURE IT'S FUNCTIONING PROPERLY.**
- 2. TRY A LONGER HDMI CABLE. SOME HDMI CABLES DO NOT SYNC WELL AT SHORTER LENGTHS.**
- 3. CONTACT AVPROEDGE IF THESE SUGGESTIONS DO NOT WORK.**

- **RED LIGHT IS OFF ON THE TRANSMITTER= POWER SUPPLY IS NOT CONNECTED OR THERE IS NO POWER PRESENT. (IN ORDER TO HAVE POWER: CHECK THE POWER SUPPLY, USP, OUTLET, ETC...)**

ON THE RECEIVER, IF THE BLUE HDMI STATUS LIGHT IS FLASHING, CHECK THE FOLLOWING:

- 1. TRY A LONGER HDMI CABLE. SOME HDMI CABLES DO NOT SYNC WELL AT SHORTER LENGTHS**
- 2. TRY ANOTHER PORT ON THE DISPLAY IF POSSIBLE**
- 3. CONTACT AVPROEDGE IF THESE SUGGESTIONS DO NOT WORK**

- **IR ISSUES - VERIFY CORRECT CONNECTIONS - VISIBLY FLASHING EMITTERS MAY NOT FUNCTION PROPERLY, TRY THE IR CABLES THAT COME IN THE BOX IF YOU ARE EXPERIENCING ISSUES**

**HAVE A QUESTION OR NEED ASSISTANCE?
DON'T HESITATE TO CONTACT US!**

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