Required Connections

**Power** - 110/220V Power

**Ethernet** - Connect to the home network/router with Internet Connection

**Audio** - 4 pairs of RCA stereo analog out. Connect to the IMA6 Source Inputs 1-4. Connect streaming outputs to IMA6 Source Inputs 5-6.

**USB** - Used to connect to TS.15, echo, and other devices. If all ports are used, please use a standard USB 2.0 hub to add more.

**RS-232** - Connect to IMA6 for control

Optional Connections

**VGA and USB to TS.15 Touch Screen** - If all USB ports the IMS are used, add a USB 2.0 Hub

**TV Connections** - For future use. TV-Out will display touch screen interface. Note: You can choose either TV-Out or TS.15 Touchscreen video out, but not both.
**Required Connections**

**Power** - 110V (220V units available for international purchase) Power

**RS-232** - Connect to IMS or connect to iQ.SCK for multiple IMA6s

**Analog Audio RCA Source Inputs** - Connect all the source inputs here.

**Source Input Gains** - Trims the volume level for each of the source inputs. Factory settings are intentionally set low.

**Amplified Speaker Out** - 50W/channel - 100W Peak. Use high quality speaker cables to speakers throughout the home.

**Optional Connections**

**Source Loop Outputs** - These are direct pass throughs of the source inputs. (Used for extending to additional IMA for more zones or to a Home Theater receiver).

**Line Level Out** - Outputs a variable signal for use with 3rd party amplifiers and systems. Can be configured in the iQ web control panel (iQ Config > Devices) to put out a fixed level signal.

---

**Special Note:**
Do NOT cover top vents. Leave a 1RU Space above. Put in cool, well ventilated area.
Notes on Amplifier

- When designing rack system, be sure to allow for a 1RU Space above each IMA for heat dissipation.
- Source Input Gains - Trims the volume level for each of the source inputs. Factory settings are intentionally set low.

Intelligent Multiroom Amplifier Specifications

**ELECTRICAL SPECIFICATIONS**
- Frequency Response: 10 Hz - 40 Hz +/- 1dB (1w)
- THD+N: Less than 0.1% 20 Hz to 20 Hz
- IMD+N: Less than 0.01% 60 Hz to 7 Hz 4:1 (SMPTE)
- Input Impedence: 50k ohms
- S/N Ratio: Over 105 dB A weighted (50 watts)
- Power: 750 watts at 117 VAC or 230 VAC

**HARDWARE SPECIFICATIONS**
- 7 analog stereo source inputs
- 7 buffered stereo outputs for pass through
- 50 watts per channel amplified outputs, 100 watts peak
- Removable screw terminal outputs accepts 12-20 gauge wire
- Built in thermostat keeps fan noise to a minimum
- RS232 interface
- Dimensions: 17” (W) x 11.5” (D) x 3.5” (H)
- Weight: 22 lbs. (10 kg)
- Finish: black chassis with black metal faceplate

IMPORTANT SAFETY WARNINGS

1. Read, keep and follow these instructions.
2. Do not use this device near water.
3. Device shall not be exposed to dripping or splashing, and no objects filled with liquids shall be placed on the apparatus.
4. Clean only with a dry cloth.
5. Do not block any ventilation openings. Install according to the manufacturer’s instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other device (including amplifiers) that produce heat.
7. Do not defeat the safety purpose of the polarized or ground plug. If the provided plug does not fit into your outlet, consult an electrician regarding installation of a modern polarized outlet.
8. Protect the power cord from being walked on or pinched.
9. Only use attachments/accessories specified by the manufacturer.
10. Protect this device through the use of proper UPS or surge protection equipment.
11. Refer all servicing to qualified service personnel.