VGA with Stereo Audio Extender for Education

The AV-730 is a simple, easy to install, easy operation, pure-hardware VGA/Audio extender system specially designed for education. Utilizing the latest Cat5e UTP transmission technology, it achieves crisp, razor sharp, real time video image and high quality stereo audio. The system provides teacher a powerful and easy-to-use classroom management with Broadcast, Blank Screen functions.

Features:

◆ Pure hardware plug-and-play design, easy to install, no software driver involved.

◆ Built-in VGA Gain and EQ adjustments for optimum image quality.

◆ Audio transmission in digital format, eliminating ground noise.

◆ Teacher Screen/Sound Broadcasting in one touch operation.

◆ Teacher can select and broadcast up to 3 different connected sources.

◆ Multiple student boxes can be installed in one daisy-chain cable for group seats layout.

◆ Optional teacher/student Dialogue.
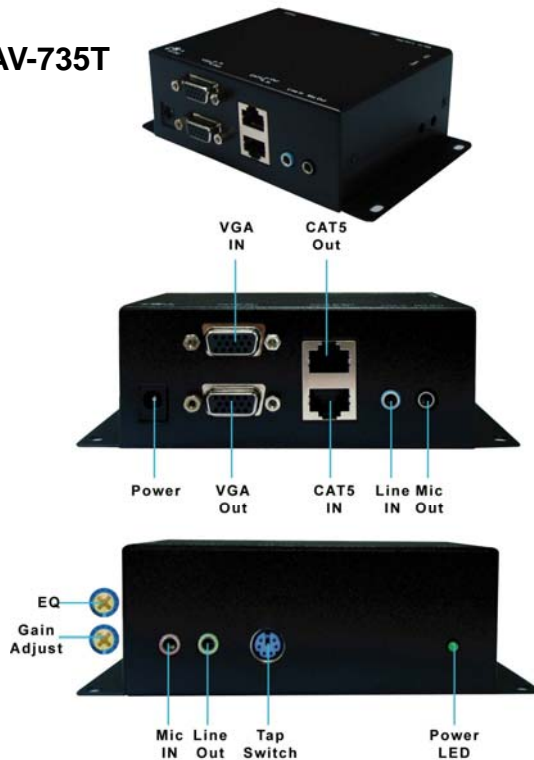
Components:

AV-717
CAT5 17-port 3-source VGA with Stereo Audio Transmitter Hub.
The teacher needs 1 or multiple units depending on the number of students.

AV-717 Ports Connection:
◆ Source 1: RJ45-IN from teacher AV-735T.
◆ Source 2: VGA2-IN and Audio-Line-IN.
◆ Source 3: VGA3-IN.
◆ VGA-OUT to teacher monitor.
◆ Line-OUT to headset.
◆ 17 x RJ-45 to student AV-730 box.

AV-735T

Teacher VGA/Audio Box (Optional)

Ports connection:

◆ CAT5 In from Tap Swicth.
◆ CAT5 Out to AV-717 Source 1 port.
◆ VGA IN from Teacher PC VGA port.
◆ VGA Out to Teacher Monitor.
◆ Mic-In from Teacher microphone.
◆ Mic-Out to PC MIC port.
◆ Line-In for audio input from PC.
◆ Line-Out for audio output to headset.
◆ EQ/Gain for image clarity/brightness adjustment.
◆ DC 5V jack for power input.

VGA IN   CAT5 Out

Power VGA Out CAT5 IN Line IN Mic Out

EQ
Gain Adjust

Mic IN Line Out Tap Switch   Power LED

AV-730

1- user Student VGA/Audio Box

2- Each student needs one AV-730 student box.

Ports connection:

◆ RJ45-In from AV-717.

◆ KVM port for Student PC VGA and monitor.

◆ MIC-IN from microphone.

◆ MIC-OUT to PC MIC port.

◆ Line-IN for audio input from PC.

◆ Line-OUT for audio output to headset.

◆ EQ/Gain for image clarity/brightness adjustment.

◆ Optional RJ45-Out to bypass the signals to the next AV-730 for group seats.
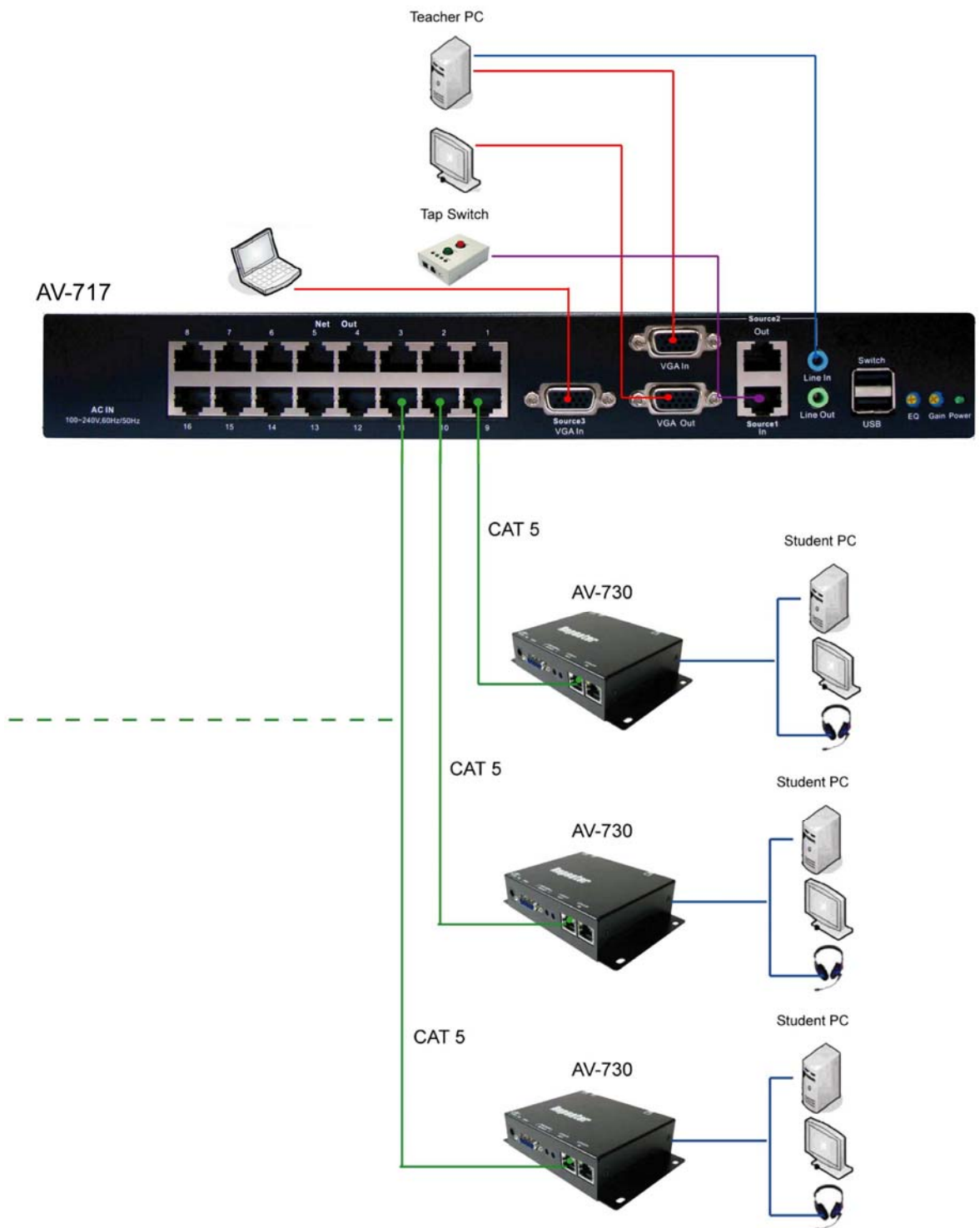
◆ DC 5V jack for power input.

Power KVM Port Gain Adjust EQ RJ-45 IN RJ-45 OUT

IN Out Out IN
Line   Mic

TAP-730		**Teacher Tap Switch** ◆ For send/stop broadcasting of screen and audio to all students. ◆ To toggle 3 connected different sources or blank screen for broadcasting.
TB-301		**1-to-2 VGA splitter Cable** (Comes with AV-730 box) ◆ VGA Cable in between student PC and AV-730.
WSS-584		**CAT5e UTP Cable (Optional)** ◆ Standard CAT5e cables are provided in different length.
WSS-085S		◆ Hi-fidelity Headset–Headphones with attached Mic. **(Optional)**

Order Information:

AV -717	17-port VGA/Audio Transmitter Hub.
AV-730	1-user Student VGA/Audio Box.
TAP-730	Tap Switch
AV-735T	Teacher VGA/Audio Box. (Optional)
WSS-085S	Headset–Headphones with attached Mic. (Optional)
WSS-584	Cat5e UTP cable. (Optional)

Teacher PC

Tap Switch

AV-717

Net Out

8 7 6 5 4 3 2 1

AC IN
100~240V,60Hz/50Hz

16 15 14 13 12 11 10 9

Source2
Out

VGA In

Line In

Switch

Source3
VGA In

VGA Out

Source1
In

Line Out

USB

EQ Gain Power

CAT 5

Student PC

AV-730

CAT 5

Student PC

AV-730

CAT 5

Student PC

AV-730

(2) AV-717 installed at Server Rack

Teacher PC

Rack Cabinet

AV-735T

Tap Switch

CAT 5

AV-717

CAT 5

CAT 5

Student PC

CAT 5

Student PC

Student PC