

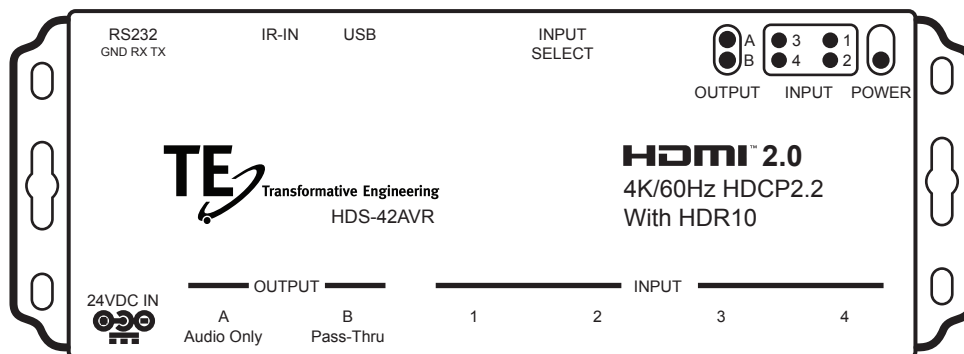
Transformative Engineering

HDS-42AVR

4k/HDR HDMI Splitter

The Outlaw's Guide:

Integrating the HDS-42AVR with the Model 975



Please Read First



CAUTION: To reduce the risk of electric shock, do not remove the cover. No user serviceable parts inside. Refer to qualified personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Verify The Line Voltage

Your new HDS-42AVR has been factory configured for 120-240 volt AC lines. Connecting the unit to a line voltage other than that for which it is intended can create a safety and fire hazard, and may damage the HDS-42. If you have any questions about the voltage requirements for your specific model, or about the line voltage in your area, contact Transformative before plugging the unit into a wall outlet.

It is always a good idea to avoid using any audio or video equipment on the same AC circuit as equipment with motors, such as air conditioners or refrigerators. This will lessen the possibility of power variation and electrical start-up noise affecting your sound system.

Power Cord

The removal power cord that is shipped with the HDS-42AVR is specifically designed to be used with this product. DO NOT use any other power cord, as that may reduce the unit's performance and possibly create a safety hazard. Should the power cord require replacement, use an identical type or contact Transformative Engineering for service.

Handle the AC Power Cord Gently

When disconnecting the power cord from an AC outlet, always pull the plug, never pull the cord. If you do not intend to use the HDS-42AVR for any considerable length of time, disconnect the plug from the AC outlet. If the power cord is replaced, make certain that it is of similar gauge. As with all electrical devices, do not run power cords under rugs or carpets or place heavy objects on them. Damaged power cords should be replaced immediately with cords meeting factory specifications.

Wiring

Cables that are run inside of walls should have the appropriate markings to indicate compliance with, and listing by the UL, CSA or other standards required by the UL, CSA, NEC or your local building code. Questions about cables inside of walls should be referred to a qualified custom installer, or a licensed electrician or low-voltage contractor.

Installation Location

To assure proper operation and to avoid the potential for safety hazards, place the unit on a firm and level surface capable of supporting its weight. When placing the unit on a shelf, be certain that the shelf and any mounting hardware can support the weight of the unit and any additional items in the equipment rack, or on the shelf.

DO NOT place CDs, DVDs, videotapes, owner's manuals, or other paper on top of, or beneath, the unit, or in-between multiple amplifiers in a stack. This will block airflow, causing heat build-up, degraded performance, and may create a possible fire hazard.

Do not place the unit directly on a carpeted surface, as this will inhibit airflow underneath as well as create a potential fire hazard.

Avoid installation in humid locations, in extremely hot or cold locations, or in areas that are exposed to direct sunlight or space heating equipment.

Do Not Open The Enclosure

There are no user serviceable components inside this product. Opening the cabinet may present a shock hazard, and any modification to the product will void your guarantee. If water or any metal object, such as a paper clip, coin or a staple, accidentally falls inside the unit, disconnect it from the AC power source immediately, and contact Transformative Engineering for further instructions.

Recording Copyright

Recording of copyrighted material for other than personal use is illegal without permission of the copyright holder.

WARNING: Important Safeguards

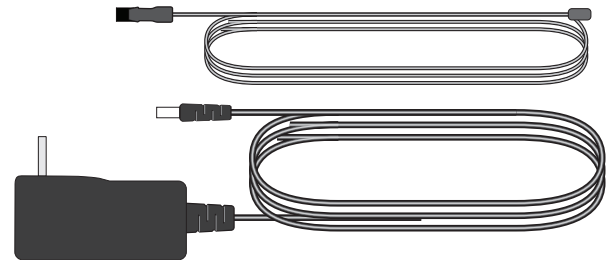
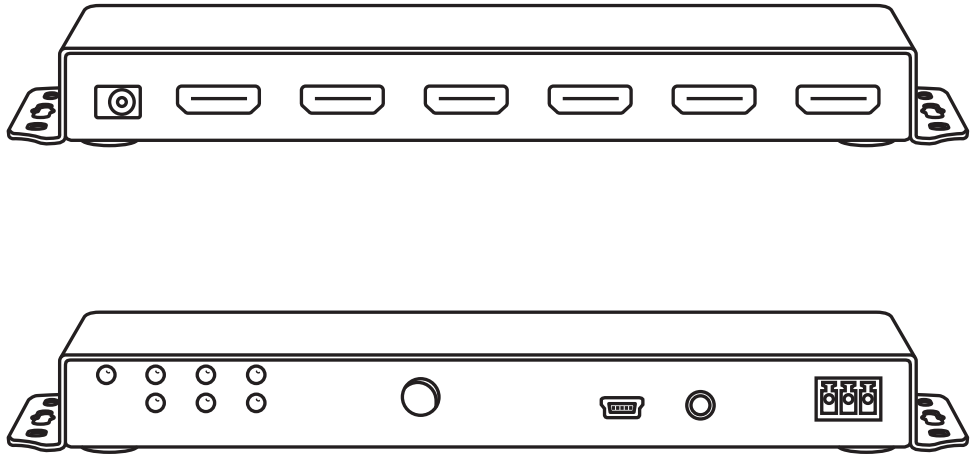
- ▶ **Read Instructions** All the safety and operating instructions should be read before the unit is operated.
- ▶ **Retain Instructions** The safety and operating instructions should be retained for future reference.
- ▶ **Heed Warnings** All warnings on the unit and in the operating instructions should be adhered to.
- ▶ **Follow Instructions** All operating and use instructions should be followed.
- ▶ **Cleaning** Unplug the unit from the wall outlet before cleaning. The unit should be cleaned only as recommended by the manufacturer.
- ▶ **Attachments** Do not use attachments not recommended by the unit manufacturer as they may cause hazards.
- ▶ **Water and Moisture** Do not use the unit near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool.
- ▶ **Accessories** Do not place the unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or adult, and serious damage to the unit. Any mounting of the unit should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- ▶ **Power Sources** The unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your unit dealer or local power company.
- ▶ **Grounding or Polarization** The unit may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact a licensed electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- ▶ **Power-Cord Protection** Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords where they enter a plug, or a convenience receptacle, and the point where they exit from the unit.
- ▶ **Lightning** For added protection for the unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the unit due to lightning and power-line surges.
- ▶ **Power Lines** An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- ▶ **Overloading** Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- ▶ **Object and Liquid Entry** Never push objects of any kind into the unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.
- ▶ **Servicing** Do not attempt to service the unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to Transformative Engineering.
- ▶ **Damage Requiring Service** Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - » When the power-supply cord or plug is damaged,
 - » If liquid has been spilled, or objects have fallen into the unit,
 - » If the unit has been exposed to rain or water,
 - » If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation,
 - » If the HDS-42AVR has been dropped or damaged in any way, the unit should be examined by qualified service personnel.
 - » When the unit exhibits a distinct change in performance—this indicates a need for service.
- ▶ **Wall or Ceiling Mounting** The unit should be mounted to a wall or ceiling only as recommended by the manufacturer.
- ▶ **Heat** The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.

IMPORTANT SAFETY NOTE Before connecting a new component such as the HDS-42AVR to your audio or home theater system it is always good practice to make certain that all components are turned off, and preferably unplugged from their AC power source. Many modern electronics products feature automatic turn-on circuits that may be activated during an installation, causing the potential for damage to electronic components and/or speakers. Such damage is not covered by product warranties; both Outlaw Audio and Transformative Engineering specifically disclaim responsibility for any such damage.

HDS-42AVR

Integrating the HDS-42AVR with your Model 975 surround processor will allow you to achieve 4K and all current forms of HDR. Simply connect your source devices to the HDS-42AVR inputs, and then run the HDS-42AVR video output to your TV and the audio output to one of the Model 975's HDMI inputs.

Bear in mind, the Model 975's HDMI output needs to be connected to an input on your TV. Otherwise, you won't be able to achieve a proper HDMI handshake!



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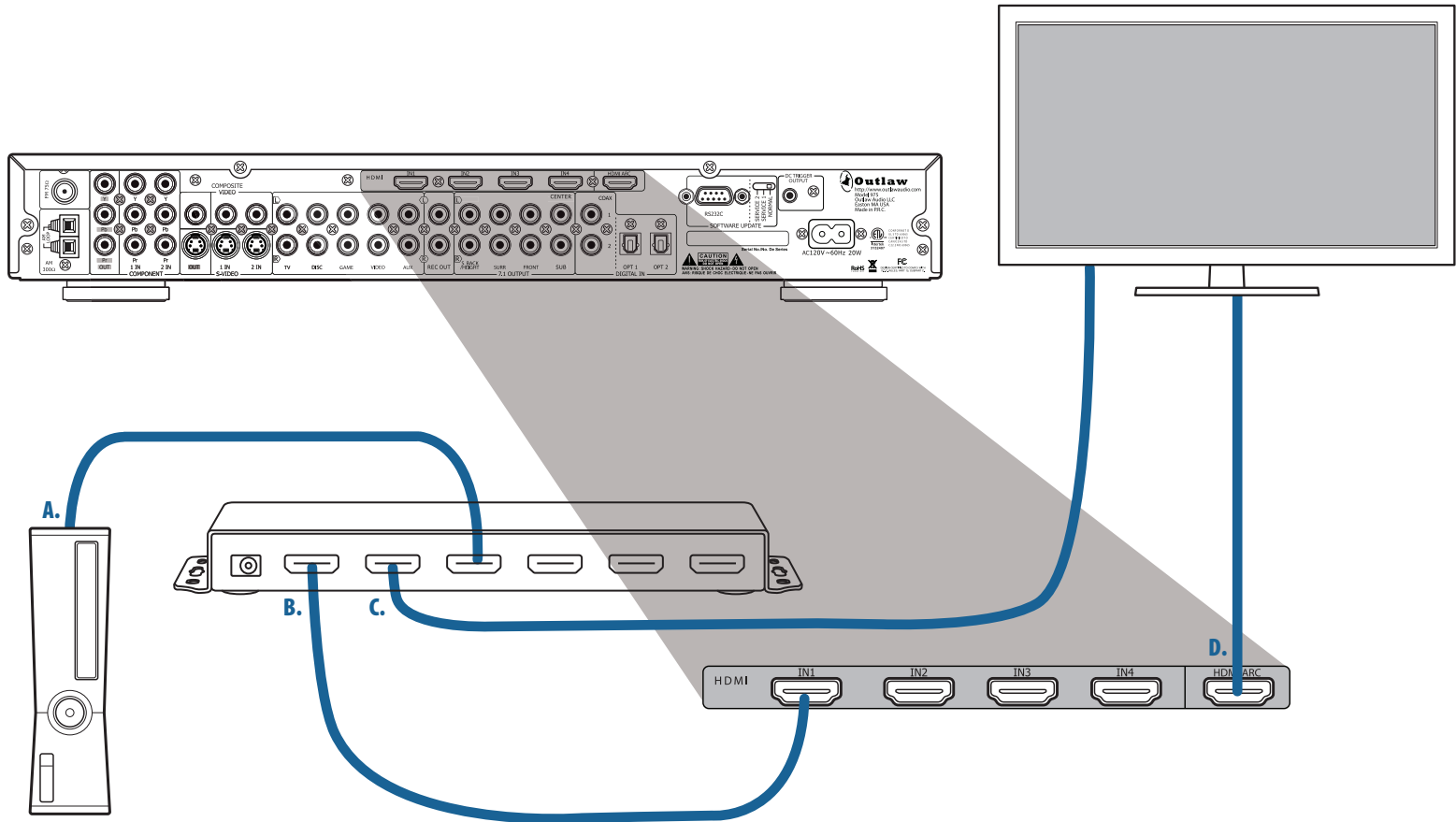
- 3 Features & Accessories
- 4 Connecting your System
- 5 Configuring Inputs
- 6 Operating the Remote

The HDS-42AVR features:

- A. 4 HDMI 2.0b Inputs**
Connect your source devices here.
- B. 1 HDMI Video Output**
Connect this output to your display device. If the Model 975 is off, this output will also carry audio to the display.
- C. 1 HDMI Audio Output**
Connect this output to any HDMI input on the Model 975.
- D. Indicator Lights**
These lights show which input and output is currently selected.
- E. Input Selector Switch**
Toggling this switch changes the input the HDS-42AVR monitors.
- F. USB-Mini Input**
This input, in conjunction with a USB-thumbdrive and adapter, is used for firm-ware updates.
- G. IR Input**
Connect the included IR dongle here; if the IR dongle is not connected, you will not be able to use a remote to control the HDS-42.
- H. Power Inlet**
Connect the included power supply here.
- I. RS232 Control Port**
For use with control systems.

Connecting the HDS-42AVR with the Model 975

AV Connections



A. HDMI: Out of Source Device(s) into HDS-42AVR

Connect the HDMI output of the source device to one of the HDMI inputs on the HDS-42AVR. This is the only connection you need to make from the source device. Repeat this process for each source device and make sure to remember which device is connected to which input on the HDS-42AVR. While doing this, you may wish to take into consideration that the input labeled TV monitors HDMI 1, DISC HDMI 2, GAME HDMI 3, and VIDEO HDMI 4. As such, most people will connect their cable/SAT top box to the HDS-42's HDMI input 1, their blu-ray player to HDMI input 2, their game system to HDMI input 3, and their streaming device to HDMI input 4.

B. HDMI Audio: Out of HDS-42AVR into Model 975 HDMI IN

Connect the HDMI Audio output of the HDS-42AVR to the Model 975's HDMI IN1. This will carry all your audio from the HDS-42AVR to the Model 975 allowing you to achieve unaltered surround sound.

C. HDMI Video: Out of HDS-42AVR into TV

Connect the HDMI Video output of the HDS-42AVR to one of your TV's HDMI inputs. This will carry your video from the HDS-42AVR to the TV allowing you to achieve 4K and all current forms of HDR.

D. HDMI Video: Out of Model 975 into TV

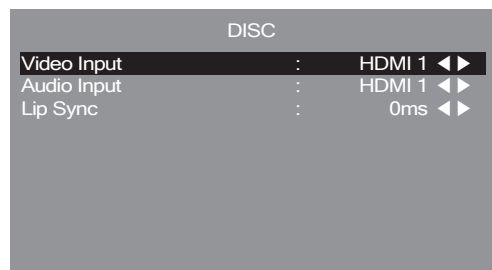
Connect the HDMI Video output of the Model 975, labeled "HDMI ARC" to one of your TV's HDMI inputs. This is necessary both for a proper HDMI handshake, as well as to carry the Model 975's on-screen-display to the TV.

In addition to a Blu-ray Disc player, you can connect the video output of any of these other components:

- ▶ Streaming device
- ▶ Digital Cable/SAT top Box
- ▶ Video Game Console

Configuring the Model 975's Inputs

Input Menu



Input Options



For AUX, you can select any of the above options for video. The video will be routed through the Model 975's HDMI output to your TV/Display device.

For TV, DISC, VIDEO, and GAME you will need to select HDMI 1.



For AUX, you can select any of the above options for Audio. The audio will be routed through the Model 975's pre-outs to your power amplifier.

For TV, DISC, VIDEO, and GAME you will need to select HDMI 1.

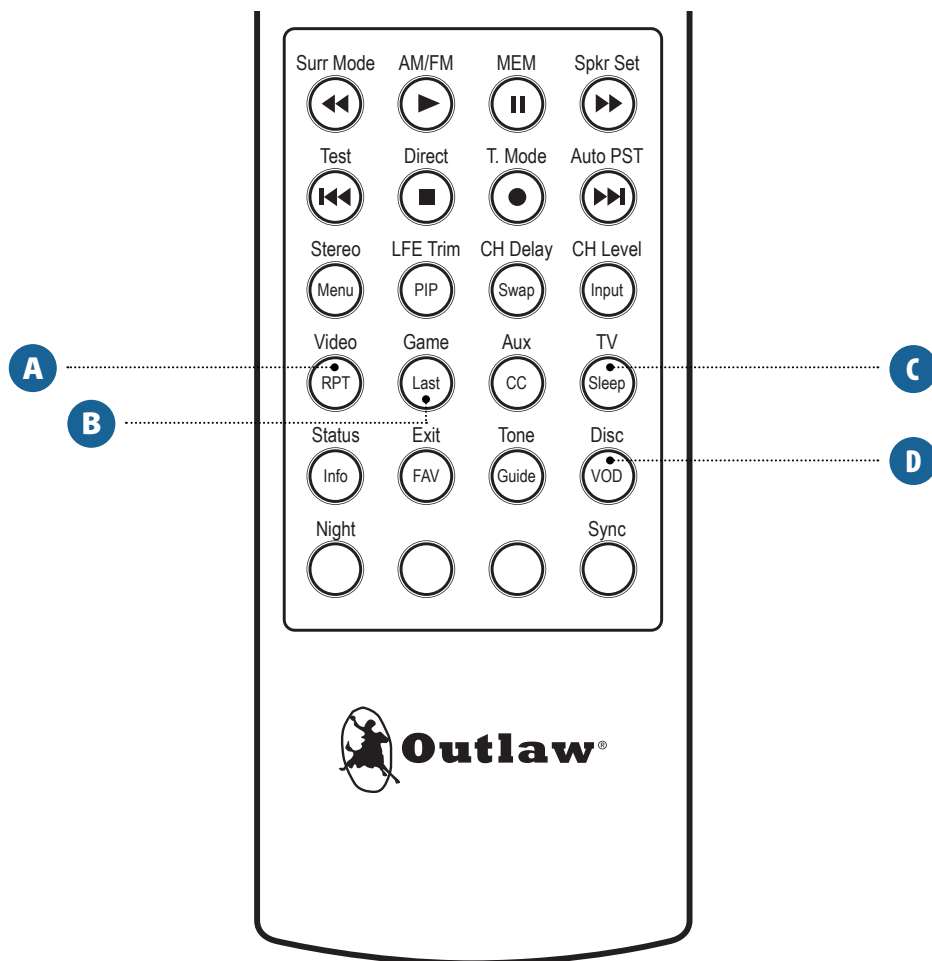
IMPORTANT NOTE:

If TV, DISC, VIDEO, or GAME are not set to HDMI 1 for video and audio, your respective input on the HDS-42AVR will not have audio.

► To configure your Model 975's inputs:

1. Use the remote control's menu button and navigation keys to access the Input Setup menu.
2. Select the input you want to configure.
3. Now select the video input you want to use.
For TV, DISC, VIDEO, and GAME select:
HDMI 1
For the AUX input, you can select any of these:
HDMI 1 → HDMI 2 → HDMI 3 → HDMI 4 →
---- → CVSB1 → S-Video1 → YPbPr1
Select NONE if you are configuring an audio-only source, such as a satellite radio tuner or turntable for the AUX input.
4. Then select the audio input you want to use.
For TV, DISC, VIDEO, and GAME select:
HDMI 1
For the AUX input, the available options are:
HDMI x → HDMI ARC → Analog → COAX 1 →
COAX 2 → OPT 1 → OPT 2
5. When you are finished, use the remote control's menu button and navigation keys to access the next menu, or exit the OSD.

975 Remote Control Switching Inputs



Using the Model 975 Remote Control with the HDS-42AVR

The Model 975 remote control is used to switch inputs on both the HDS-42AVR, as well as the Model 975. The VIDEO, GAME, TV, and DISC buttons switch inputs, on both units, simultaneously. If you find the remote is not controlling the HDS-42AVR, ensure the IR receiver is fully plugged into the HDS-42AVR. If the problem affects both the Model 975 as well as the HDS-42, make sure to press TNR on the Model 975's remote control!

NOTE:

The AUX button does not switch inputs on the HDS-42AVR, only the Model 975. Therefore, it can be used as an additional input: simply connect your source device directly to the Model 975 and configure the AUX input appropriately. Use the AUX input if you would like to use the ARC feature of the Model 975.

If you are using a video source, don't forget to change the input on your TV to monitor the Model 975! If you don't, you'll still see the video output of the HDS-42AVR!

A. VIDEO Button

This button selects the Video input on the Model 975. It also switches the HDS-42 to HDMI input 4. For Secondary controls, see p.38 of the Model 975's manual.

B. GAME Button

This button selects the Game input on the Model 975. It also switches the HDS-42 to HDMI input 3. For Secondary controls, see p.38 of the Model 975's manual.

C. TV Button

This button selects the TV input on the Model 975. It also switches the HDS-42 to HDMI input 1. For secondary controls, see pg. 38 of the Model 975's manual.

D. DISC Button

This button selects the Disc input on the Model 975. It also switches the HDS-42 to HDMI input 2. For secondary controls, see pg. 38 of the Model 975's manual.