AMULET
HYBRID MEDIA HUB

500/550 Series Quick Start Guide

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Important Safety Instructions

- WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- To reduce the risk of electric shock, DO NOT remove cover or back panel. No user serviceable parts inside. Refer servicing to qualified personnel.

Important Safety Instructions (Continued)

- To help prevent electric shock, plug the power cable into properly grounded sources. Use only properly grounded extension cords and adaptors, if they are needed.
- The AC main plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Make sure nothing is lying on any of the cables.
- Be sure the cables are located where they will not be stepped on or tripped over.
- Do not spill food or liquids onto the unit.
- Do not push any objects into the free slots. Doing so will damage the unit, can cause fire or electrical shock, and can short out interior components.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not block cooling vents.
- Do not place the equipment in a closed-in wall unit.
- When you disconnect a cable, pull on its connector or on its strain relief loop, not on the cable itself. Some cables have a connector with locking tabs; if you are disconnecting this type of cable, press in on the locking tabs before disconnecting the cables.
- When you connect a cable, make sure both connectors are correctly oriented and aligned before connecting to avoid bending connector pins.
- For PLUGGABLE EQUIPMENT, the socket-outlet should be installed near the equipment for easy access.
- Changes or modifications not expressly approved by the party responsible could void the user's authority to operate this device.

What's Included

Amulet Hybrid Media Hub

IR Remote Control*
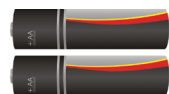
2 Batteries for
Remote Control

Amulet Quick Start Guide

Remote Control Guide*

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*The Remote Control may vary and is dependent on your service provider.
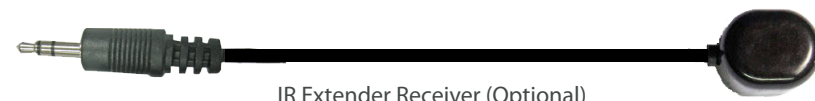
IR Extender Receiver (Optional)
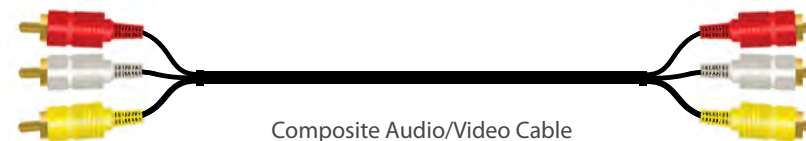
Composite Audio/Video Cable

Ethernet Cable (Optional)

HDMI Cable (Optional)

AC Power Adapter*

Additional items that may be required (not included):

- Ethernet Cable
- Component Video Cable
- HDMI Cable
- RF Coaxial Cable
- Digital Audio Cable
- Network Router
- Multi-stream CableCARD (M-Card)

*The AC Power Adapter may vary and is dependent on your service provider.

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Amulet — Front Panel

Name		Description
1	Power	Solid blue indicates the unit is on. Solid red indicates the unit is in standby mode. Flashing blue indicates the unit is booting up. Press button once to put unit in standby mode, press again to resume. To reboot the device, press and hold button for at least 5 seconds.
2	SD Card Reader	To read or transfer content from a compatible SD flash memory card.
3	USB	To connect USB devices such as USB flash drive and external USB hard drive. (max 500mA load)
4	Link Indicator	Blue dot indicates that Ethernet or Wi-Fi network connection is active.
5	CLOCK	Displays current time set by your service provider. May not display time while device is booting up.
6	Record Indicator	Blue dot indicates a TV program is currently recording.
7	HD Indicator	Blue dot indicates current program is playing in HD (720p or higher) resolution.
8	USM Port	For inserting a universal storage module (USM) hard drive.

* Features may vary dependent on your service provider. Contact your service provider for more details.

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Amulet — Top and Side Panel

Name		Description
1	Smart Card Port	For use with SIM format Smart Card only. (This is an optional item)
2	CableCARD Port	For use with M-CARD only (provided by your service provider). (This is an optional item)
3	Eject Pin Hole	For ejecting an M-CARD from the CableCARD port. (This is an optional item)
4	7-way Navigation + MENU	Use Back, Menu, OK and Directional buttons to help with navigating the user interface without a remote control. (Touch Panel is an optional item)

* Features may vary dependent on your service provider. Contact your service provider for more details.

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Amulet — Rear Panel

① ② ③ ④ ⑤ ⑦ ⑧ ⑨ ⑪

⑥ ⑩
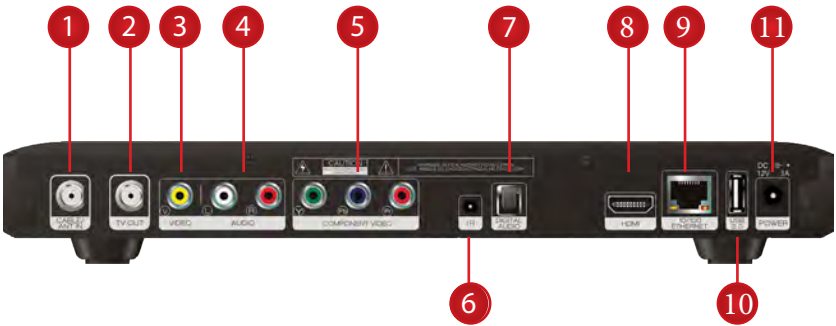
Name		Description
①	Cable/ANT In	For connecting to a cable TV or antenna source. (Tuner is an optional item)
②	TV Out	For connecting to an RF TV for loop-through. (This is an optional item)
③	Composite Video	For connecting to a standard-deﬁnition TV (SDTV).
④	Audio	Stereo audio output (Left / Right).
⑤	Component Video	For connecting to a high-deﬁnition TV (HDTV).
⑥	IR Extender Port	For connecting an IR Extender Receiver.
⑦	Digital Audio	For connecting to an entertainment system that supports 5.1 Surround Sound audio.
⑧	HDMI	For connecting to a high-deﬁnition TV (HDTV).
⑨	Ethernet	For connecting to a wired network.
⑩	USB	To connect USB devices such as USB flash drive and external USB hard drive. (max 500mA load)
⑪	Power	DC power jack (100-240V, Output 12V/3A).

* Features may vary dependent on your service provider. Contact your service provider for more details.

STEP 1: CONNECTING VIDEO

Amulet provides up to four video options for connecting to your TV: HDMI, Component Video, Composite Video and Coaxial. Select a video option then proceed to"Connecting Audio" on page 13.

Make sure your TV is turned on and the correct video input is selected.

Option 1: HDMI (Recommended)

Delivers the best video & audio quality via a single cable

If your TV has an HDMI connection, use an HDMI cable (may not be included) and connect Amulet to the HDMI IN port on your TV. This connection provides both video and audio so you do not need a separate audio connection. Proceed to "Connecting TV Source" on page 15.

Cable is optional and may not be included

Option 2: Component Video

★★★★

Component Video
Delivers excellent picture quality

Use a Component cable (not provided) and connect the red/blue/green cables to the COMPONENT VIDEO IN port on your TV. Then proceed to the next step ("Connecting Audio") to connect the red/white cables.

If you have already selected HDMI as your video connection, then do not use this cable.
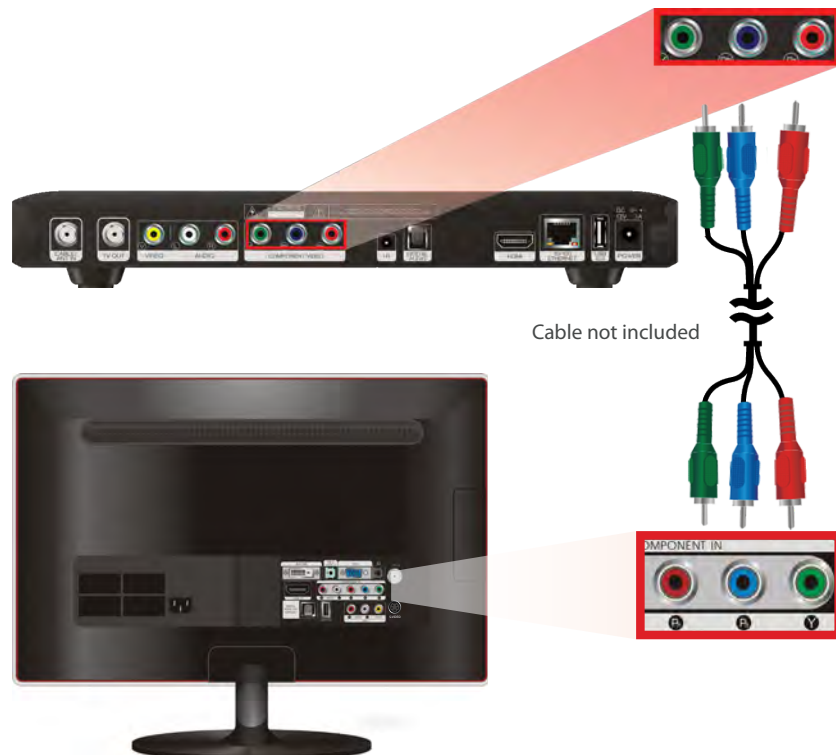
Option 3: Composite Video

★★

Composite Video
Delivers good picture quality

Use the Composite cable provided and connect the yellow cable to the yellow VIDEO IN port on your TV.
Then proceed to the next step ("Connecting Audio") to connect the red/white cables.

If you have already selected HDMI as your video connection, then do not use this cable.

Cable not included

Cable included

Option 4: Coaxial (Optional)

★

Coaxial Cable
Delivers good picture quality

Use a Coaxial cable (not provided) and connect the cable to the AN-TENNA IN port on your TV. This connection provides both video and audio so you do not need a separate audio connection. Proceed to "Connecting TV Source" on page 15.

If you have already selected HDMI as your video connection, then do not use this cable.

STEP 2: CONNECTING AUDIO

Amulet has two audio options: Stereo or Surround Sound. Select an audio option and proceed accordingly.

NOTE: If you have already selected HDMI or Coaxial as your video connection, then skip this audio section and proceed to "Connecting TV Source" on page 15.

Option 1: Stereo

Use the Composite cable provided and connect the red and white cables to the Amulet A/V Out port and the red and white cables to the AUDIO IN port on your TV.

Cable not included

ANT IN

Cable included

R - AUDIO - L
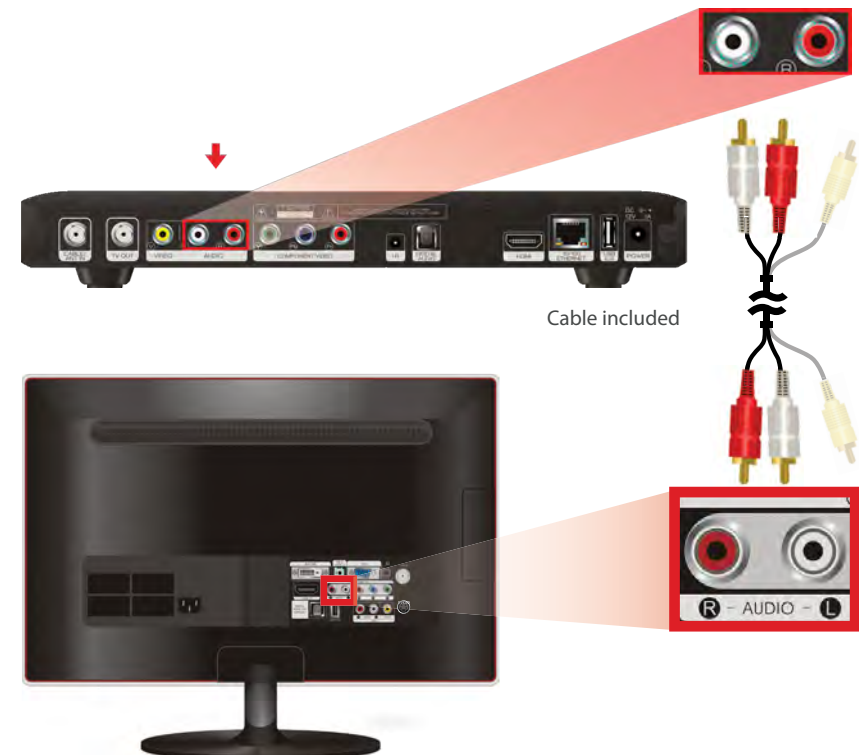
Option 2: Surround Sound

If your TV is connected to an A/V Receiver that supports Dolby Digital 5.1 Surround Sound, use a digital audio cable (sold separately) to connect Amulet to the OPTICAL AUDIO IN port on your A/V Receiver.
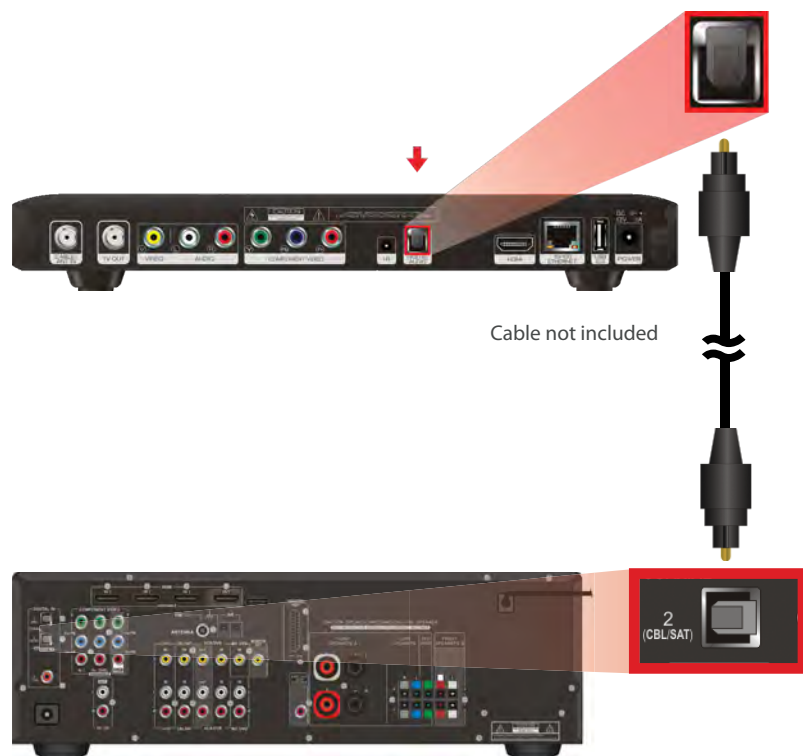
STEP 3: CONNECTING TV SOURCE (OPTIONAL)

You can connect an RF coaxial cable (sold separately) from Amulet to either a Cable TV or antenna source. Select a TV source and proceed accordingly.

Option 1
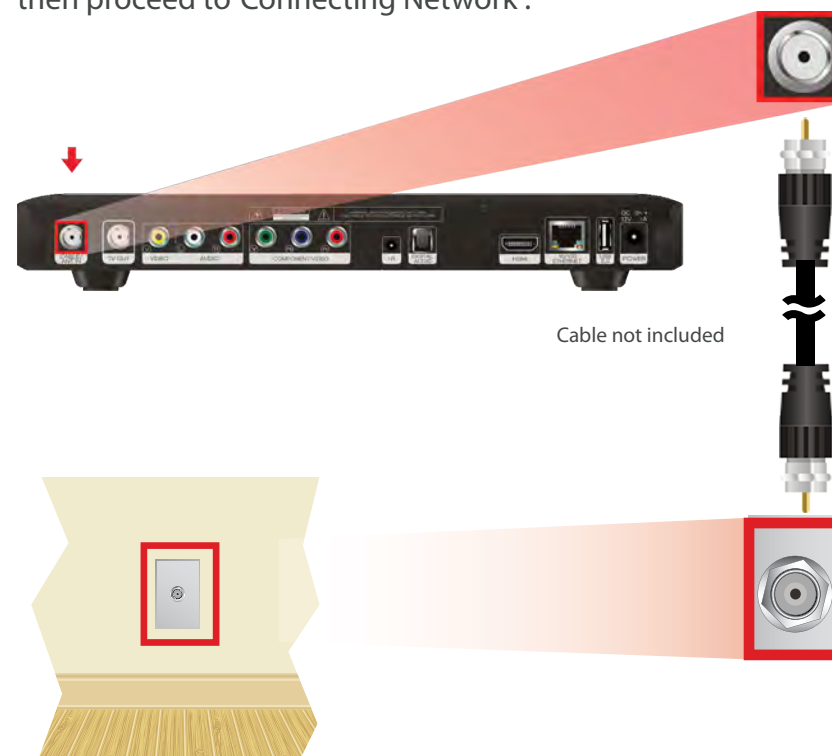Connect to basic unencrypted Cable TV Source.

Option 2
Connect to Antenna Source (Outdoor or Indoor Antenna).

Option 3
Connect to premium Cable TV Source with CableCARD.

NOTE: If you have not selected premium Cable TV Source, then proceed to"Connecting Network".

Cable not included

Cable not included

Installing CableCARD (Optional)

CableCARD is a PCMCIA card that allows access to premium digital cable programming. CableCARDs are available from your local cable service provider. It is an optional feature for Amulet. Contact your service provider for more details.

1. Insert the CableCARD properly into the device.
2. The CableCARD will need to be paired with your cable TV service. Refer to the instructions from your service provider for more details on how to pair your CableCARD.

NOTE: The pairing process may take a few minutes or sometimes a few hours depending on your cable service provider. If you have not received your premium programming in one hour, please call your service provider for troubleshooting tips.

STEP 5: CONNECTING NETWORK

Select from one of the following networking options.

Option 1: Wireless

Connect your Amulet to a Wireless Network Router or Access Point.

NOTE: Internal Wi-Fi is an optional feature for Amulet. Contact your service provider for more details and instructions on how to configure Amulet for your wireless network.

Option 2: Wired

Connect an Ethernet cable (may not be included) from Amulet to a cable/DSL modem or Network Router.

Cable is optional and may not be included

Router not included
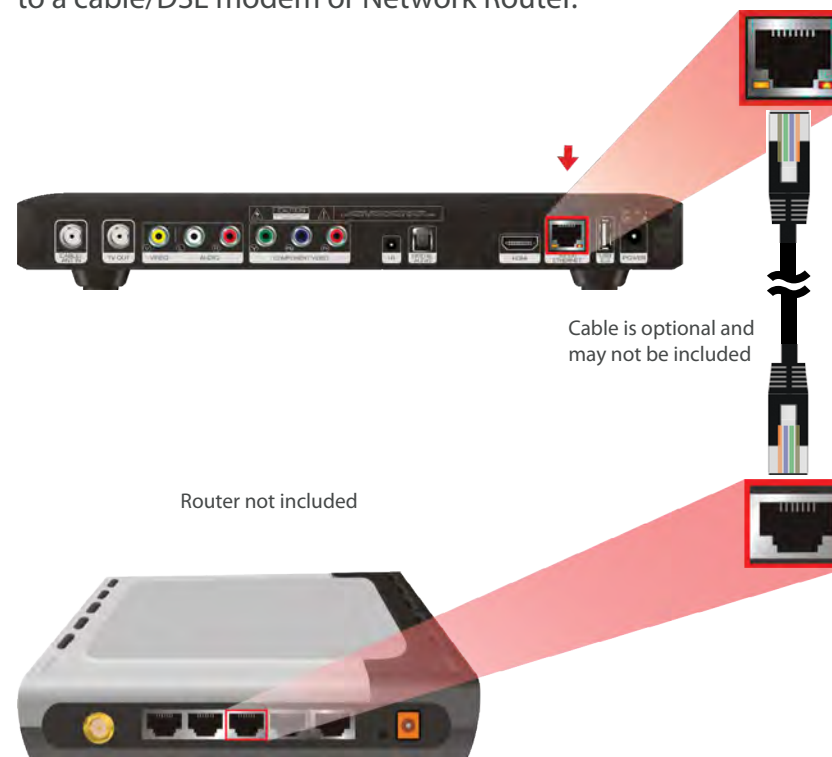
STEP 6: POWERING UP

Setting Up Remote Control

1. Open the battery cover by pressing down on the battery cover latch and sliding it off.
2. Insert the batteries, matching the "+" and "-" marks on the batteries with the interior of the remote control.
3. Snap on the battery cover to close.

NOTE: Refer to the Remote Control Guide for more details about other remote control features.

Using IR Extender Receiver

The remote control uses InfraRed (IR) light signals to control the Amulet. IR signals cannot go through walls or other solid objects. If the line of sight of your Amulet is blocked, then you can use the IR Extender Receiver provided to extend the reach of IR signals from the remote control.

IR Extender Receiver is optional and may not be included
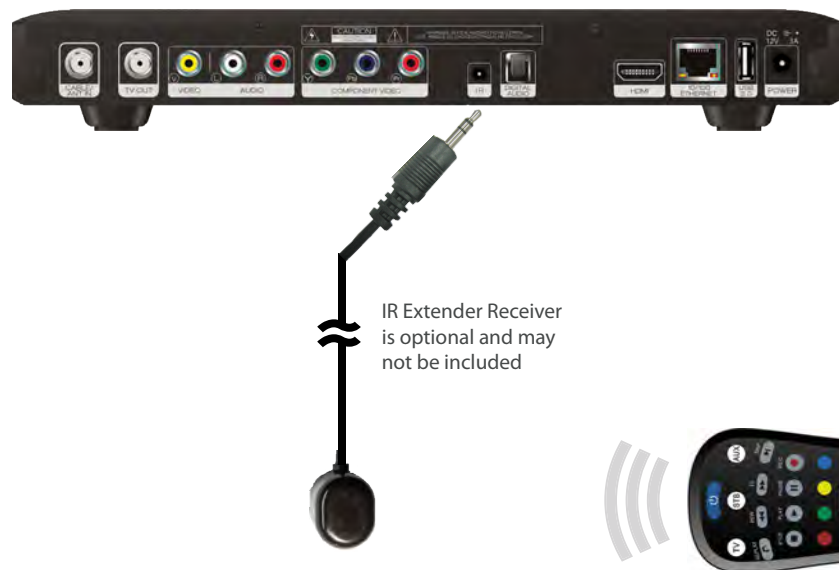
Installing USM Drive

Amulet provides an integrated Universal Storage Module (USM) port for DVR applications. You can easily install, upgrade or replace a compatible USM drive.

1. Open the USM flap located on front panel of the Amulet.
2. Insert the USM drive into the port.
3. Follow the on-screen instructions.

NOTE: For security purposes, the USM port may be locked by your service provider. Contact your service provider for more details.

Uninstalling USM Drive

1. Push the handle at the bottom of the Amulet to eject the USM drive.

2. Remove the USM drive from the port.
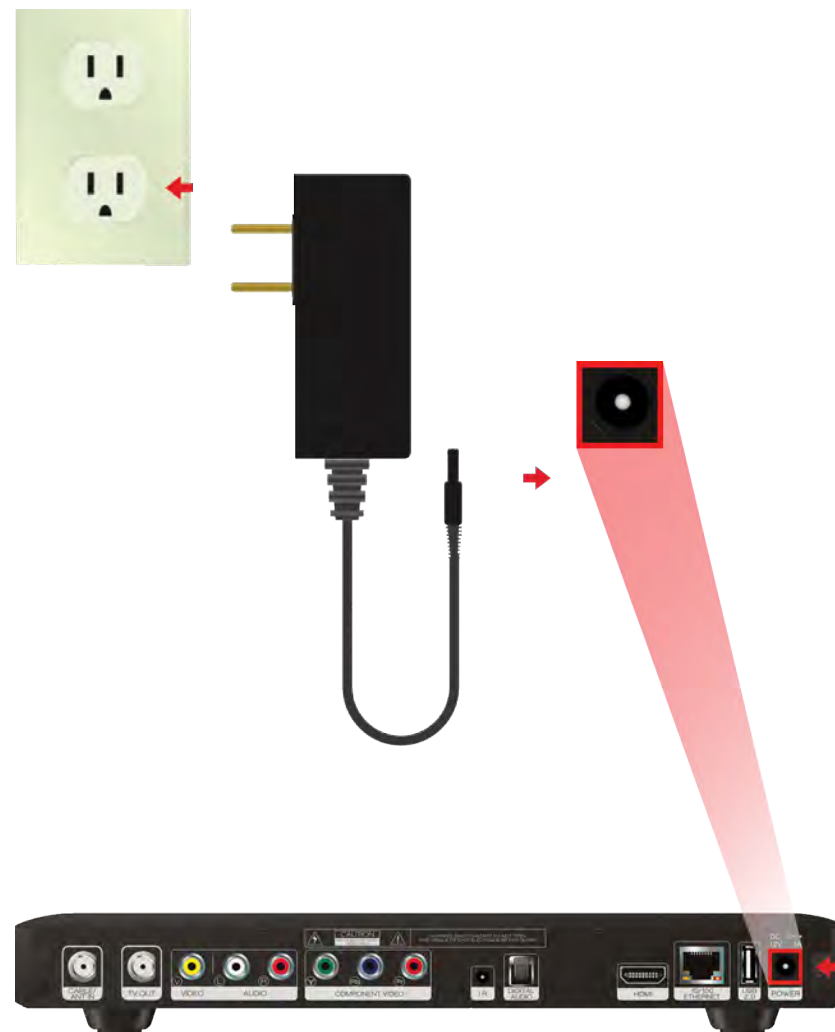3. Follow the on-screen instructions.

NOTE: For security purposes, the USM port may be locked by your service provider. Contact your service provider for more details.

Connecting to Power Source

1. Connect the power cord to the POWER port on the back of the Amulet.
2. Plug the AC power adapter to a power outlet.
3. Follow the on-screen instructions.

NOTE: Make sure your TV is turned on and the correct video input is selected.

Declaration of Conformity

⚠	To ensure proper use of this product, please read this manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service location.
⚡ ⚠	WARNING: This symbol indicates the presence of uninsulated dangerous voltage within the product's enclosure that constitutes a risk of electric shock. Do not open the product's case.

CAUTION: This symbol indicates you must take care; there is risk of damage to the equipment or to yourself. |
| CE | Declaration of Conformity (Europe Only)
This product is in conformity with the Council Directives:
• EMC Directive 2004/108/EC
• Low voltage Directive 2006/95/EC |
| 🍁 ⚠ | Industry Canada statement:
This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps. |

Declaration of Conformity (Continued)

⚡ FC	To prevent fire or shock hazard, do not expose this product to rain or moisture. To reduce the risk of electric shock, DO NOT remove the cover or back. No user serviceable parts are inside. For servicing refer to qualified personnel.

Declaration of Conformity (United States Only)
This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communication Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and the receiver.
• Connect the equipment to a different circuit from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. |

Notes

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