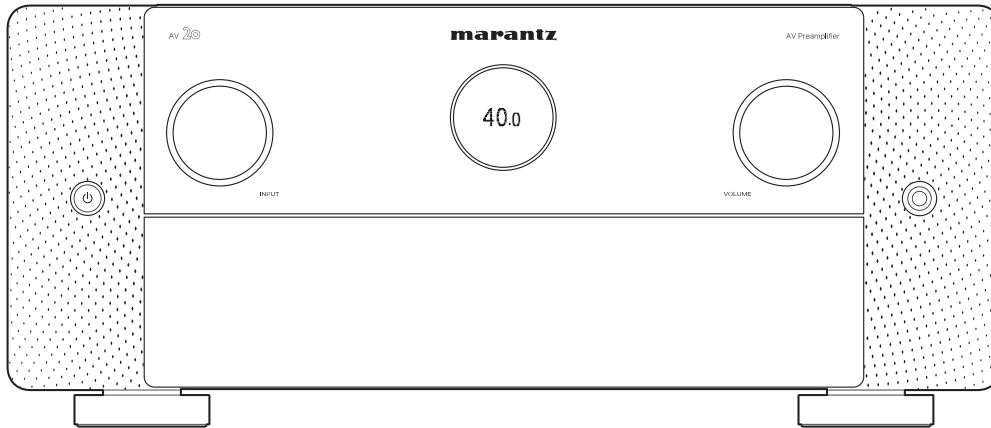


# marantz



AV20 | AV Preamplifier

QUICK START GUIDE

# Welcome

Thank you for choosing a Marantz AV 20.

Use the Setup Assistant function to help configure the settings for this unit when you first set it up.

Follow the guidance displayed on the TV screen connected to this unit to configure the settings.

This manual describes the procedure up until starting the Setup Assistant.

**Please do not return this product to the store.  
If you need help...**



Scan the QR code or visit **support.marantz.com/**  
for setup help, technical support, warranty assistance, or  
customer support contact information.



# Before you begin

## Required for setup

TV



HDMI® cable



RCA cables

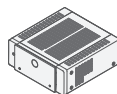


or

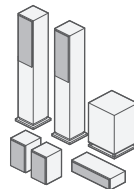
XLR cables



Power amplifier

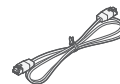


Speakers /  
Speaker cables



## Optional

LAN cable



or

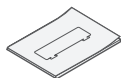
Wi-Fi® router



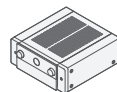
- When connecting this unit to a device that is compatible with the Deep Color, 4K, ARC and eARC functions, use a "High Speed HDMI cable with Ethernet" that displays the HDMI logo.
- When connecting this unit to a device that is compatible with 8K and 4K 120Hz video, use a certified "Ultra High Speed HDMI cable". If you use a different HDMI cable, the video may not display or other problems may occur.

## What's in the box

Quick start guide



AV 20



Sound calibration  
microphone stand



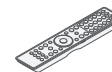
Safety instructions



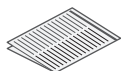
Power cord



Remote control  
(RC051SR)



Notes on radio



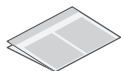
FM indoor antenna



2× R03/AAA batteries



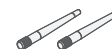
Warranty  
(for North America  
model only)



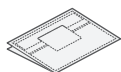
AM loop antenna



External antennas for  
Bluetooth®/wireless  
connectivity



Cable labels



Sound calibration  
microphone



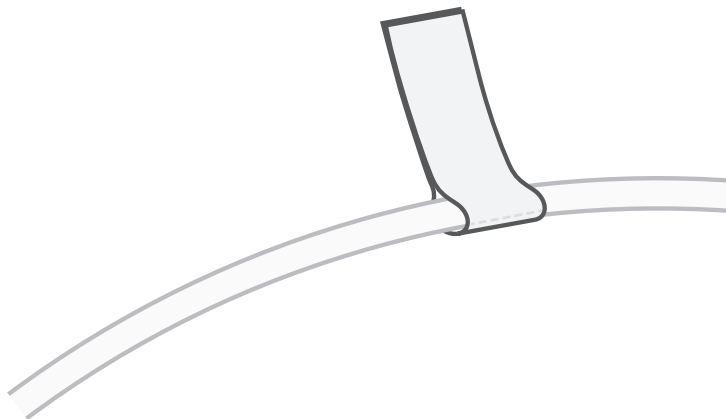
- The included sound calibration microphone stand is convenient for performing speaker calibration. Using your own tripod or the supplied sound calibration microphone stand enables settings to be automatically configured to the optimum listening environment, providing exceptionally high performance.

## Attach the included cable labels

The supplied cable labels include labels for the speaker and HDMI cables.

Attach a cable label to each cable that matches the speakers and HDMI devices being connected, as shown below.

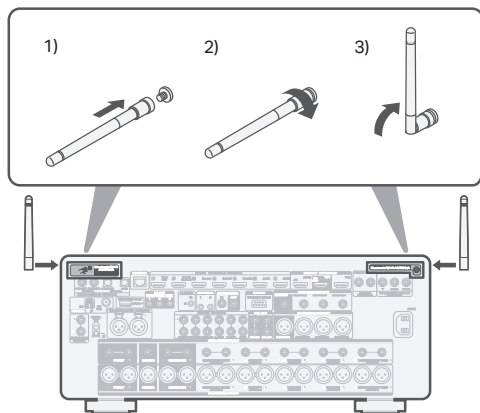
This makes it easy to identify and properly connect the cables between your components.



# Setup

## 1 Connect the antennas

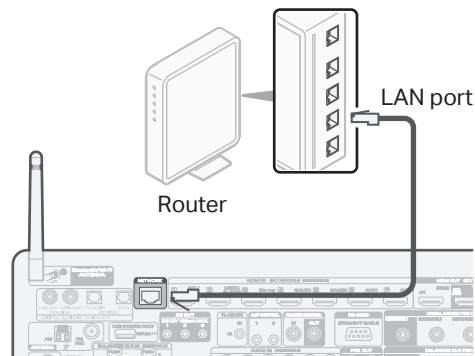
- 1) Place the antenna evenly over the antenna terminal located at the upper left or right corner of the rear panel.
- 2) Turn the antenna clockwise until it is fully connected. Do not over tighten.
- 3) Rotate the antenna upwards for the best possible reception.



- The antennas are required for both Bluetooth and Wi-Fi functions.

## Optional

If you are connecting the AV 20 to a wired network, connect an Ethernet cable (not included) between the AV 20 and your router. Do not connect the Ethernet cable if you are connecting the AV 20 to a wireless network.



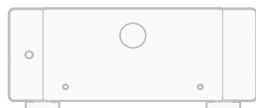
- 2** Place the AV 20 and power amplifier near your TV



TV

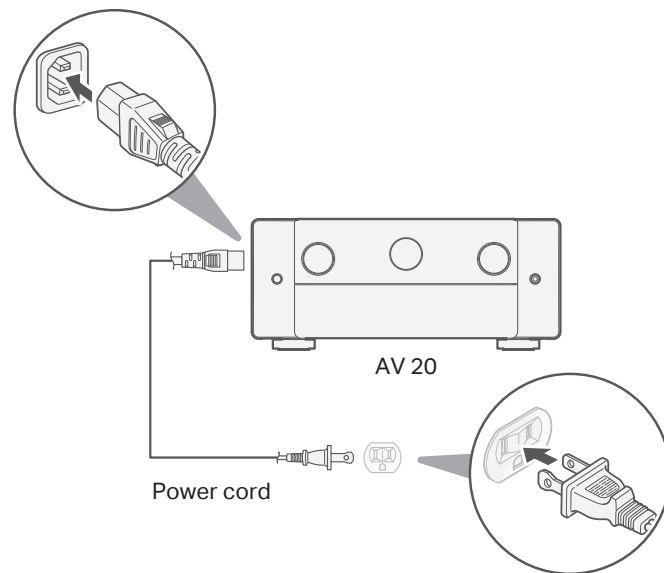


AV 20

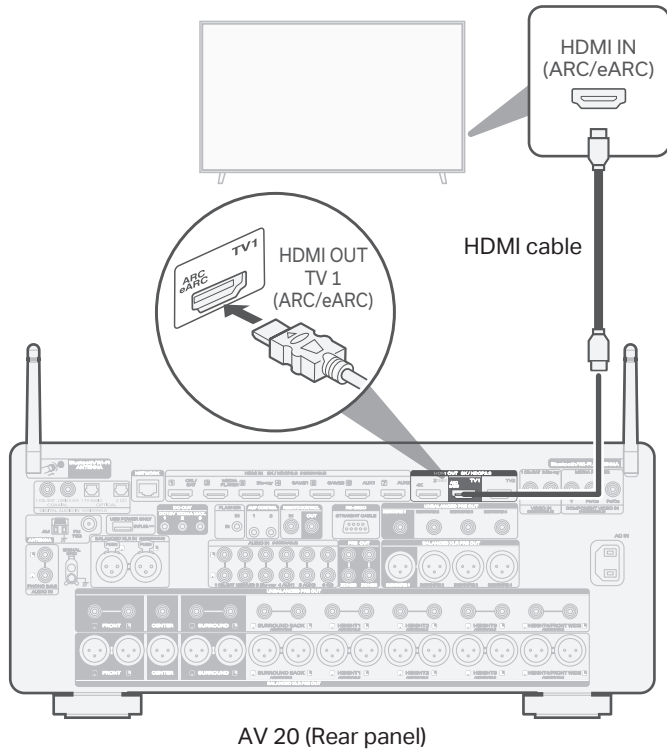


Power amplifier

- 3** Connect the power cord



## 4 Connect the AV 20 to your TV



Using a high-quality HDMI cable\*, connect one end to the HDMI port labeled “eARC” or “ARC” on your TV. Connect the other end to the HDMI OUT TV 1 port on your AV 20.

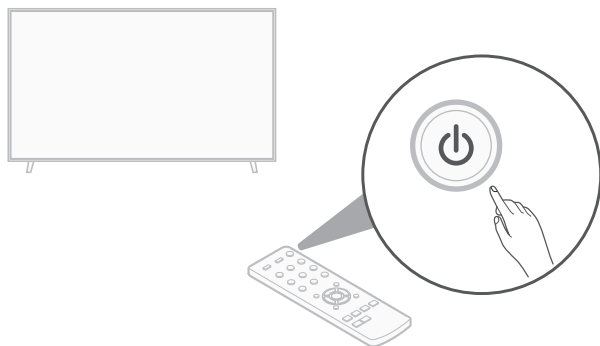
### What is ARC and eARC?

Audio Return Channel or “ARC” sends audio back to the AV 20 using the same HDMI cable that sends video from your AV 20 to your TV. This allows your AV 20 to process the sound from your TV’s built-in tuner and apps. TVs with an Enhanced Audio Return Channel or “eARC” port provide additional support for high bitrate multichannel audio (Dolby Atmos, Dolby TrueHD, DTS-HD and DTS:X). Please refer to your TV owner’s manual for details about eARC support for your particular model.

\* For 4K TVs, we recommend using an HDMI cable labeled “High Speed” and “with Ethernet” .

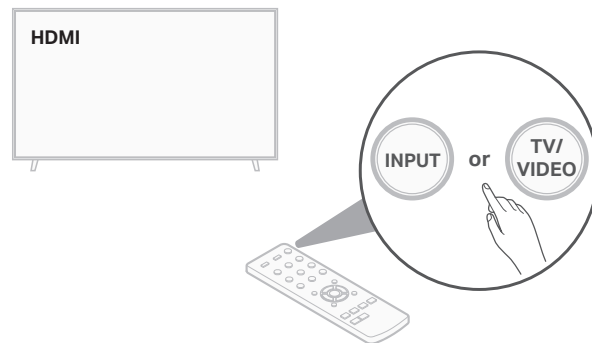
\* For 8K TVs, we recommend using an HDMI cable labeled “Ultra High Speed”.

## 5 Turn on the TV



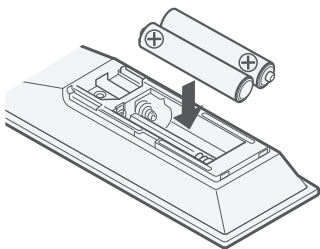
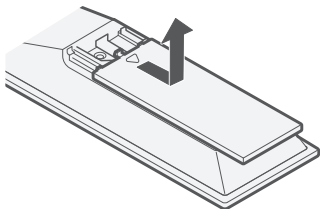
TV remote control

## 6 Select the appropriate HDMI input on your TV



TV remote control

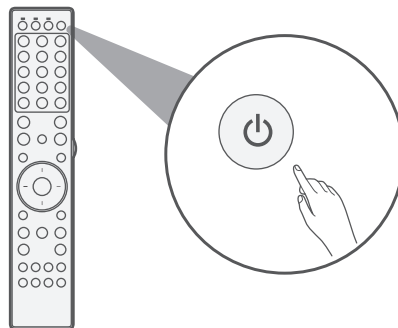
## 7 Install batteries in the AV 20 remote control



- Batteries can be taken out in reversed order.

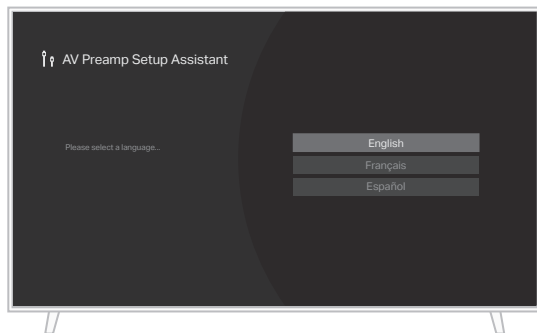
## 8 Turn on the AV 20

Press  on the remote control.



## 9 Verify the connection

Verify that you can see this screen on your TV.



If this screen is not displayed, please go back and retry the steps again in the recommended sequence.

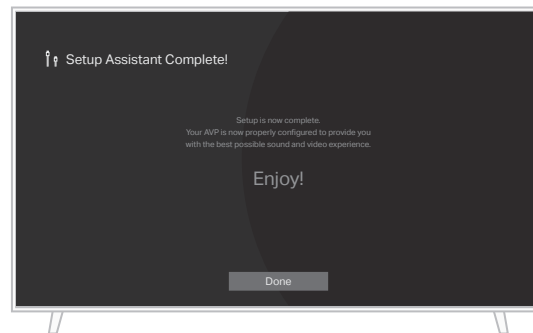


- In case the unit was already setup back in time the Setup Assistant won't start automatically and you only see the Marantz logo on screen. In such case you can access the Setup Assistant by pressing SETUP on the remote control and selecting Setup Assistant from the menu.

## 10 Follow the on-screen Setup Assistant

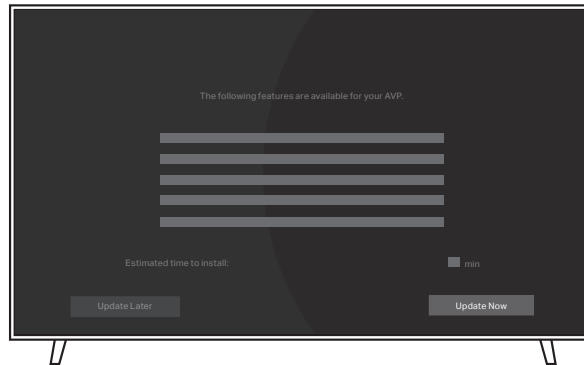
The TV is now connected to the AV 20.

The Setup Assistant will walk you through connecting and configuring your power amplifier and components to your Marantz AV 20. Use the remote control and follow the instructions on the TV screen to complete the AV 20 settings using the Setup Assistant.



# Firmware update

If you see this screen after completing Setup Assistant, select Update Now to make sure your new AV 20 is up to date with the latest firmware and features.



# Download the mobile apps

Download both the “HEOS” app and the “Marantz AVR Remote” app for the full home entertainment experience. The HEOS app is required to access online music through your AV 20.



## HEOS app

The HEOS app allows you to explore, browse, and play music from many online streaming services or from your own music library.



## Marantz AVR Remote

Control your new AVR with the latest Marantz AVR Remote app.



# Owner's manual

Refer to the online manual for other functions, information and operation procedure details.

**[manuals.marantz.com/AV20/NA/EN/](https://manuals.marantz.com/AV20/NA/EN/)**



For more information, visit **[www.marantz.com](https://www.marantz.com)**

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