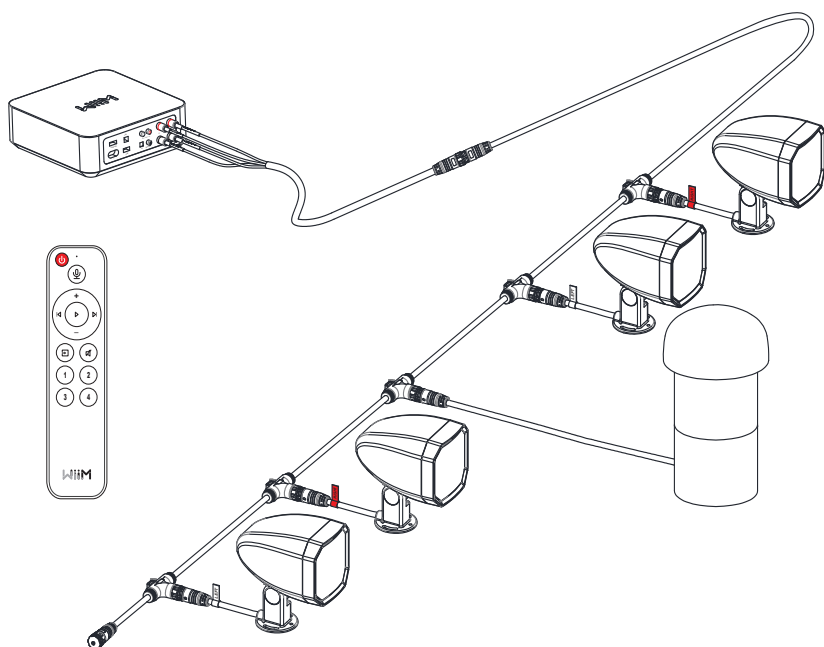




INSTALLATION INSTRUCTIONS

Outdoor Audio System Powered By WiiM

INSTALLATION INSTRUCTIONS

WARNING

The installation of this system requires digging or trenching. It is recommended to contact a local contractor to ensure there is no damage done to the power, gas or water lines. It could result in property damage, personal injury or death.

National phone number for the US is 811.

IMPORTANT: PLEASE READ BEFORE INSTALLATION

RF Exposure Information: To maintain compliance with FCC RF exposure requirements, use the product that maintains a 20cm separation distance between the user's body and the host.

MPE limit for RF exposure at prediction frequency and satisfy RF exposure compliance.

FCC Statement:

This device complies with part 15 of the FCC 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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT SAFETY FOR WiiM AMP

1. WARNING:

- To prevent fire or shock hazard, do NOT use this WiiM AMP near water, expose this WiiM AMP to rain or moisture. The WiiM AMP shall NOT be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on WiiM AMP.
- To prevent fire or shock hazard, do NOT use this plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.
- The mains plug/appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.
- To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- Only use attachments or accessories specified or provided by the manufacturer.

2. Clean only with dry cloth.

3. Do not block any ventilation openings. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains etc. Install in accordance with the manufacturer's instructions.
4. Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including WiiM AMPs) that produce heat. No open flame sources, such as lighted candles, should be placed on the WiiM AMP.
5. 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 third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point of exit from the WiiM AMP.
7. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the WiiM AMP. When a cart or rack is used, use caution when moving the cart/WiiM AMP combination to avoid injury from tip-over.
8. Unplug the WiiM AMP during lightning storms or when unused for long periods of time.
9. Refer all servicing to qualified personnel. Servicing is required when the WiiM AMP 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 WiiM AMP has been exposed to rain or moisture, does not operate normally, or has been dropped.

INSTALLATION INSTRUCTIONS

PACKAGE CONTENTS

- | | |
|----------------------------------|-------------------------------------|
| A. (1) WiiM AMP | J. (4) Stakes for Satellite Speaker |
| B. (1) Power Cable for WiiM AMP | K. (1) Subwoofer |
| C. (1) HDMI Cable | L. (1) Stake for Subwoofer |
| D. (1) RCA Audio Cable | M. (1) 100ft Plug and Play Cable |
| E. (1) Optical Audio Cable | N. (1) Mallet Cap for Stake |
| F. (1) Remote Controller | O. (3) Leveling Feet for Subwoofer |
| G. (1) WiiM AMP User Guide | P. (1) Allen Wrench |
| H. (2) "Left" Satellite Speaker | |
| I. (2) "Right" Satellite Speaker | |

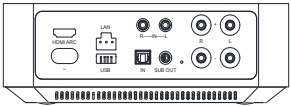
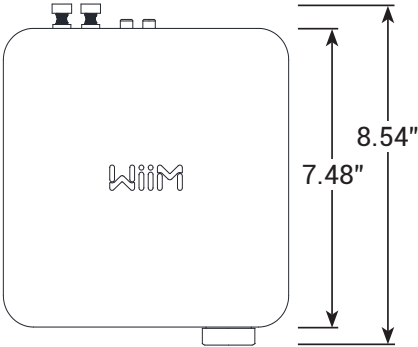
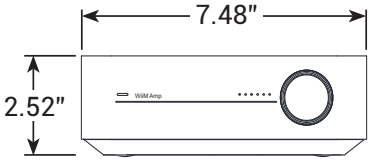
PARTS REQUIRED (SOLD SEPARATELY)

- A. Shovel or Trench Tool
- B. Smartphone or Tablet

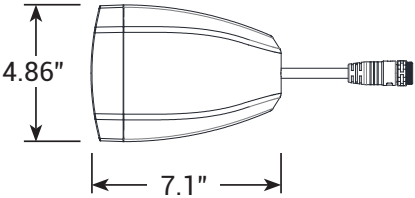
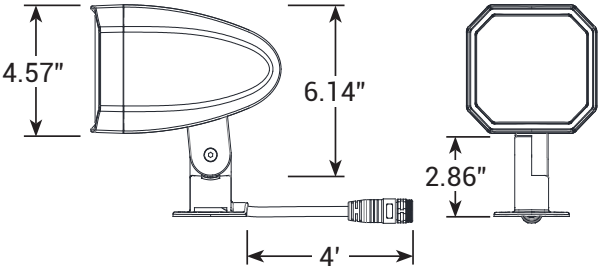
ADDITIONAL PARTS IF NEEDED

- A. 12' 16 AWG Plug and Play Extension Cable
- B. Expansion Speaker Pair
- C. Expansion Subwoofer
- D. Weatherproof Outdoor Enclosure
- E. 50' Audio System Extension Cable

PRODUCT DIMENSIONS



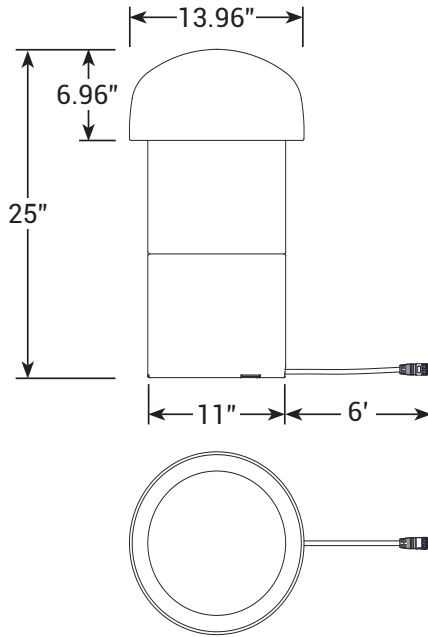
WiiM AMP



SATELLITE SPEAKER

INSTALLATION INSTRUCTIONS

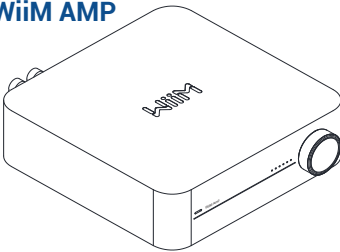
PRODUCT DIMENSIONS



DVC SUBWOOFER

1 UNBOX THE WiiM AMP

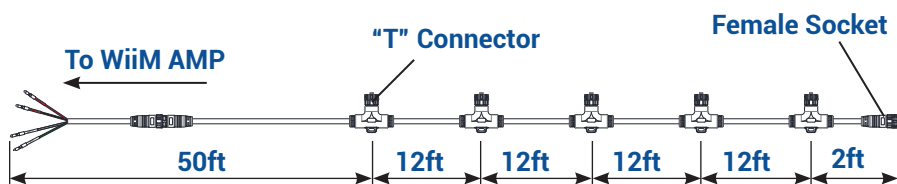
WiiM AMP



Position the WiiM AMP on a flat surface out of any incremental weather.

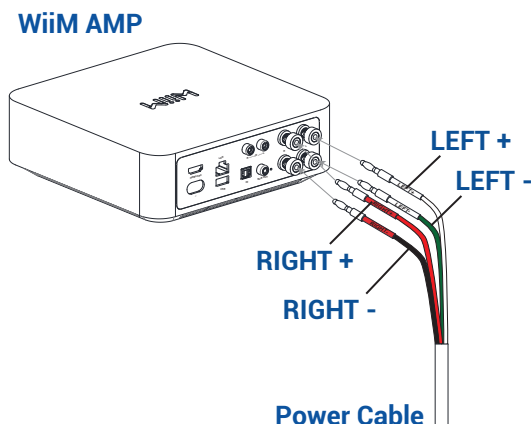
IMPORTANT: The WiiM AMP can not get wet and is NOT weatherproof. A Weatherproof Outdoor Enclosure is sold separately.

2 LAYOUT THE PLUG AND PLAY CABLE



- * Place the plug and play cable in the areas where you would like the speakers to be. DO NOT bury the cable at this time. NOTE: The best distance between each speaker is 10' apart. The cable is 12' apart leaving extra adjustment room if needed.
- * 50' is the longest distance suggested between the WiiM AMP and the first T connector of the 100ft Plug and Play Cable.
- * The end of the cable has a female connector to add an additional Speaker pair or DVC Subwoofer. If no extension is being used, place an end cap on the female connector. NOTE: All of the speakers need to be connected when the kit is set up.

3 CONNECT THE POWER CABLE TO THE WiiM AMP

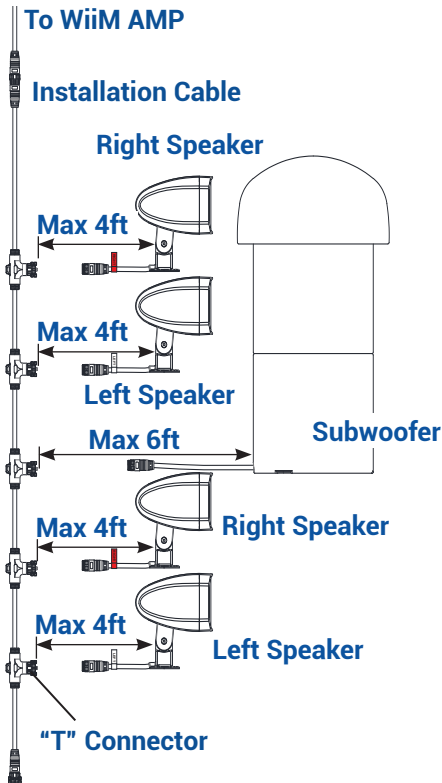


Plug in the male color coded cable end to the female of the same color on the WiiM AMP.

COLOR CODED:
Right speaker is Red + & Black -

Left speaker is White + & Green -

4 DETERMINE THE LOCATIONS FOR SPEAKERS AND SUBWOOFER



1. Each satellite speaker is tagged as "Left" & "Right" and comes prewired with 4ft of cable. The speakers are specifically wired internally to the four wires inside the main cable as "Left" & "Right". The distance from the speaker to the "T" connector on the installation cable is maximum 4 ft.
2. The dual voice coil subwoofer comes prewired with 6ft of cable and can be connected anywhere in the run. The distance from the subwoofer to the "T" connector on the installation cable is maximum 6ft.

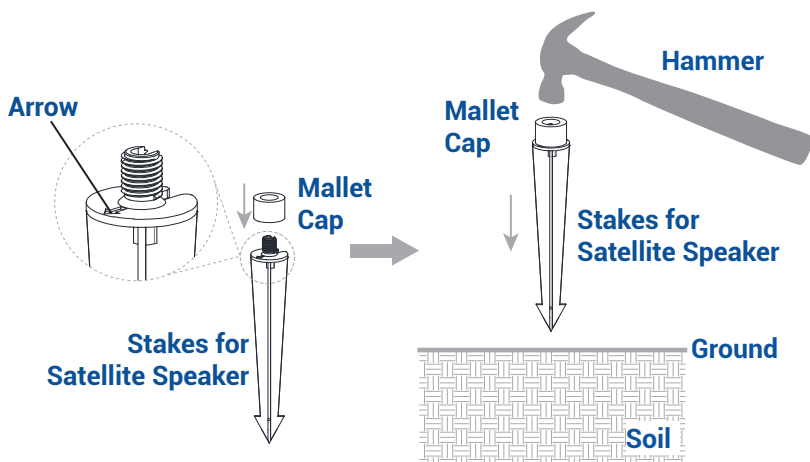
The satellite speakers can be connected anywhere in the run. Connect either the Right or Left speaker first and alternate them between each connection. This will allow a stereo separation between the left and the right.

Three installation methods are available for satellite speakers. Refer to the following steps, choose one of the installation methods to complete the satellite speaker installation.

1. Stake: Install the satellite speaker into the ground.
2. Surface: Install the speaker into a hard surface.
3. Tree Mount: Attach the satellite speaker to a pole or tree.

SPEAKER INSTALLATION METHOD 1: STAKE MOUNT

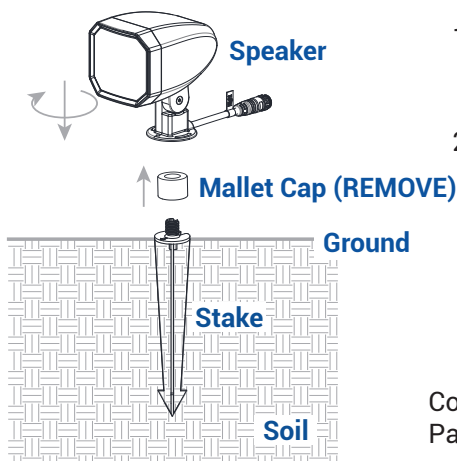
1 INSTALL STAKES FOR SATELLITE SPEAKERS



1. Place the mallet cap onto the stake for the satellite speaker..
2. Hammer the stake into the ground until flange of stake is flush to the ground.

Note: There is an arrow on the stake indicating the direction of the satellite speaker. Ensure that the arrow shows the desired direction of the satellite speaker when installed into the ground.

2 INSTALL SATELLITE SPEAKERS TO STAKES



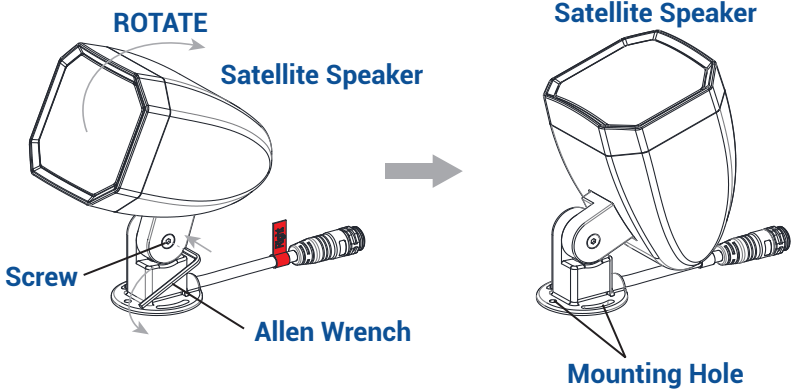
1. Remove the mallet cap from the stake that has been installed in the ground.
2. Thread the speakers onto the stake as planned (left speakers and right speakers are alternated). Be sure that the speaker is in the direction that indicated by the arrow on the stake after installation.

Continue to Connect the Speakers.
Page 12.

INSTALLATION INSTRUCTIONS

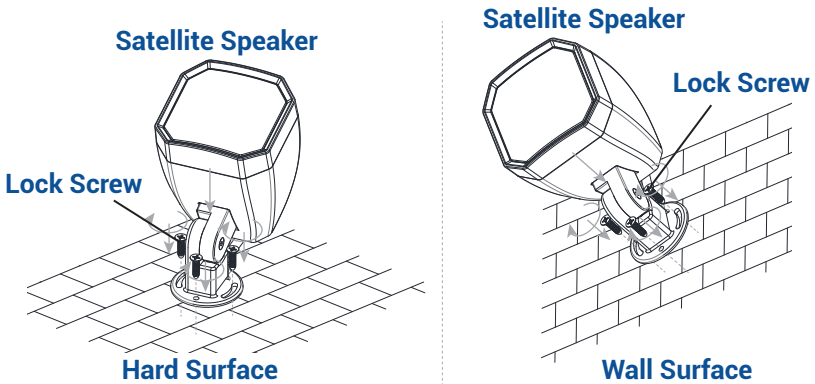
INSTALLATION METHOD 2: SURFACE MOUNT

1 ADJUST SATELLITE SPEAKER ANGLE



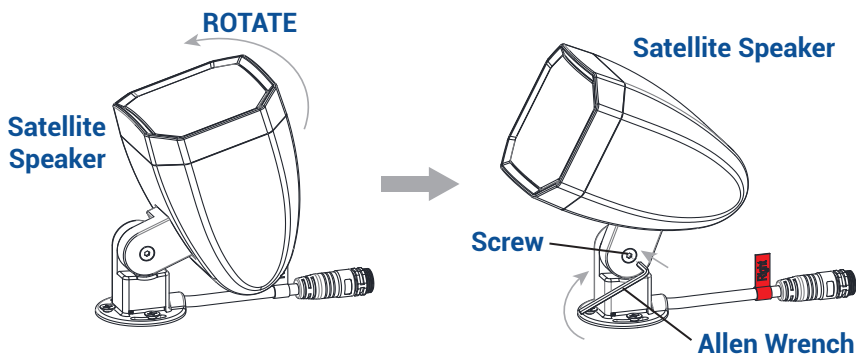
Use the Allen wrench, loosen the screw at the joint of the satellite speaker. Do NOT remove the screw. Rotate the satellite speaker to expose the mounting holes on the base.

2 INSTALL SATELLITE SPEAKER TO HARD SURFACE OR WALL SURFACE



Place the satellite speaker on a hard surface or wall surface. Drill the screws through mounting holes to secure the satellite speaker.

3 ADJUST SATELLITE SPEAKER ANGLE AGAIN

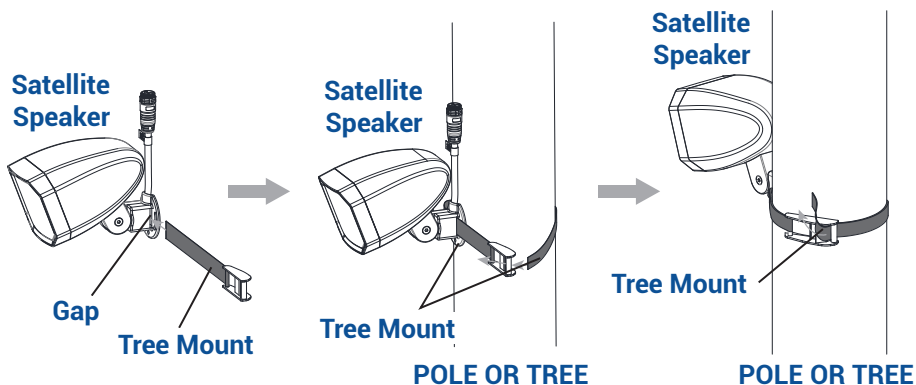


Adjust the satellite speaker to the desired direction. Using the Allen wrench, tighten the screw at the joint to secure the satellite speaker angle.

Continue to Connect the Speakers. Page 12.

INSTALLATION METHOD 3: TREE MOUNT

1 INSTALL SATELLITE BY TREE MOUNT

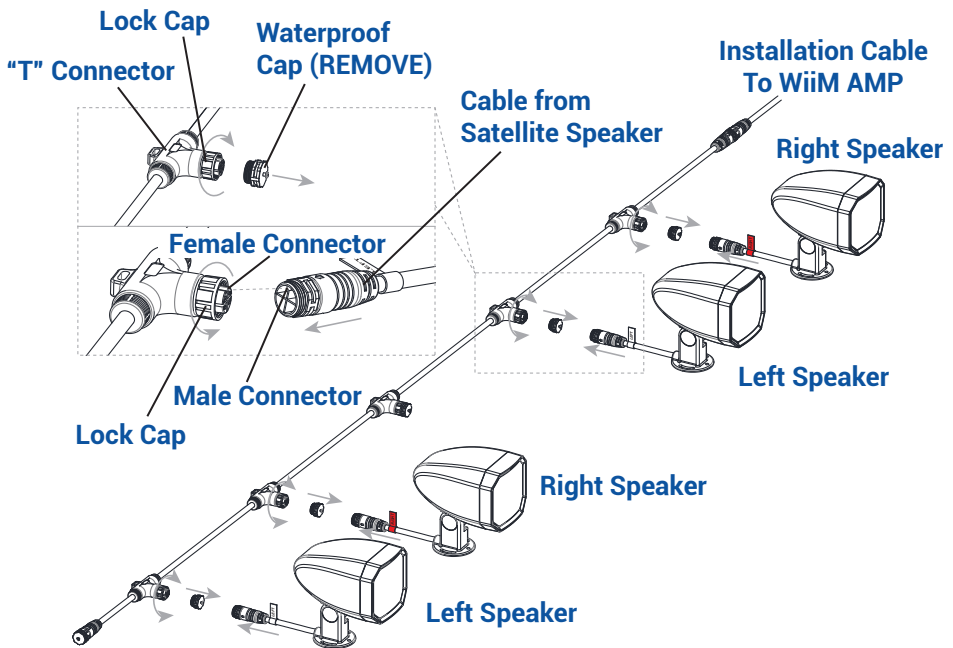


Note: The maximum width of the tree mount is 30mm (1.18"). Pass the tree mount (not included) through the gap on the base. Wrap the tree mount around the desired pole or tree and fasten to secure the satellite speaker.

Continue to Connect the Speakers. Page 12.

INSTALLATION INSTRUCTIONS

CONNECT THE SPEAKERS



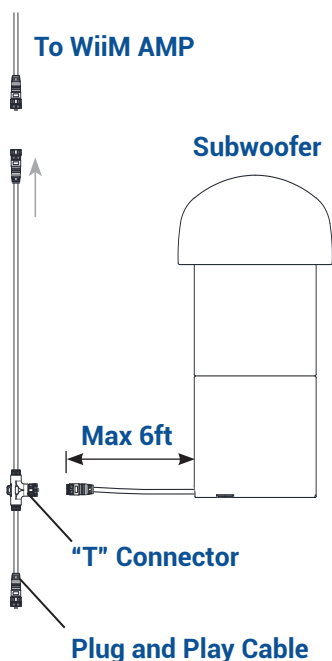
1. Loosen the lock cap on the "T" connector of the 100ft plug and play cable and remove the waterproof cap off of the "T" connector.
2. Connect the male connector at the end of the satellite speaker cable to the female connector on the "T" connector of the plug and play cable.

NOTE:

- Do Not connect any other brand of speakers to this system.
- If a "T" connector is not being used, leave the waterproof cap on.

SUBWOOFER INSTALLATION

LAY THE SUBWOOFER PLUG AND PLAY CABLE



1. The DVC subwoofer comes prewired with a 6ft of cable. The distance from the subwoofer to the "T" connector on the plug and play cable is maximum 6ft.

The DVC subwoofer can be connected anywhere in the run. It connects both left & right channels together. It acts like two bass speakers in one. A subwoofer typically will allow more bass if it's up against a wall or a solid surface but can be placed anywhere.

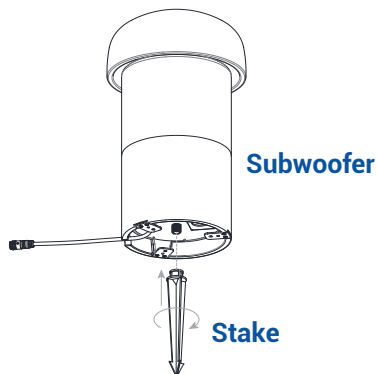
Four installation methods are available for the subwoofer. Choose one of the installation methods below before continuing the rest of the installation.

1. Stake: Install the subwoofer directly into the ground.
2. Leveling feet: Place the subwoofer onto the deck.
3. Bracket: Install the subwoofer to hard surface by drilling it down.
4. Place the subwoofer directly onto the landscape area.

INSTALLATION INSTRUCTIONS

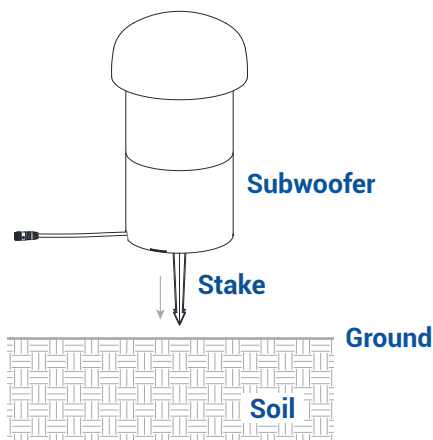
INSTALLATION METHOD 1: STAKE

1 INSTALL STAKE TO SUBWOOFER



Thread the stake to the bottom of the subwoofer.

2 INSTALL STAKE TO GROUND

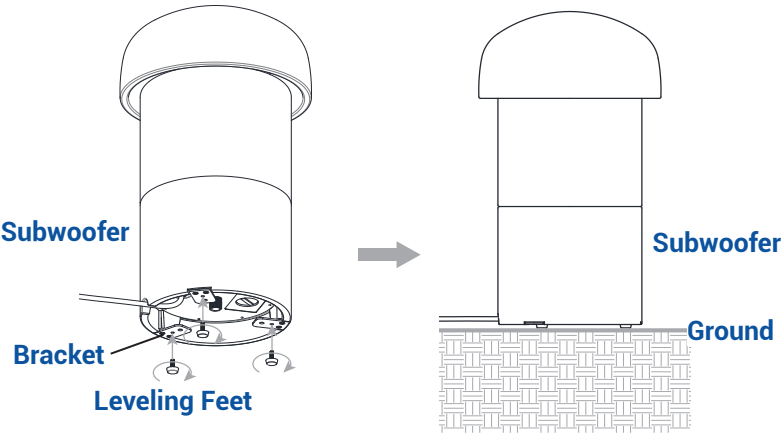


Insert the stake into the ground until the bottom of the subwoofer flush to the ground.

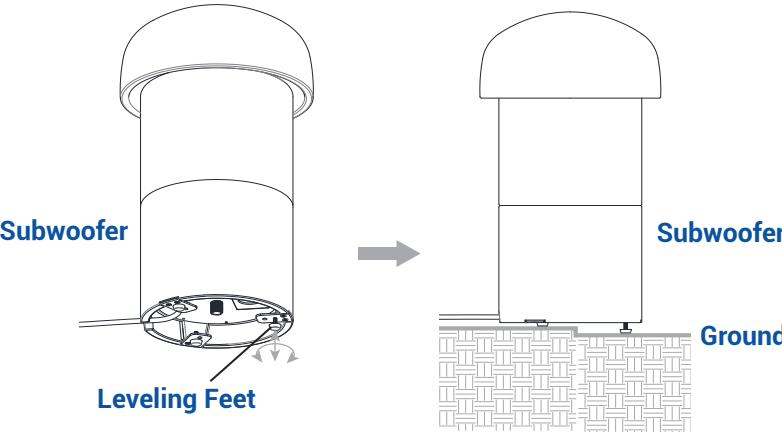
Go to the Complete Installation Section page 18.

INSTALLATION METHOD 2: LEVELING FEET

1 INSTALL LEVELING FEET



Thread the leveling feet onto the bottom bracket of the subwoofer.



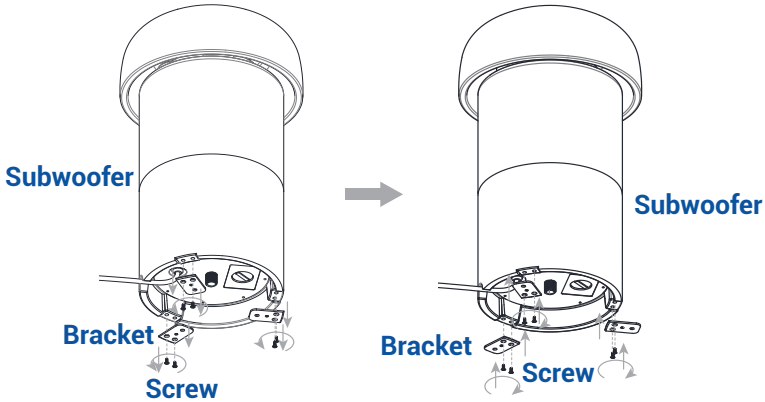
Adjust the feet as needed to ensure the subwoofer is level. For the best stability, place the subwoofer on a flat surface.

Go to the Complete Installation Section page 18.

INSTALLATION INSTRUCTIONS

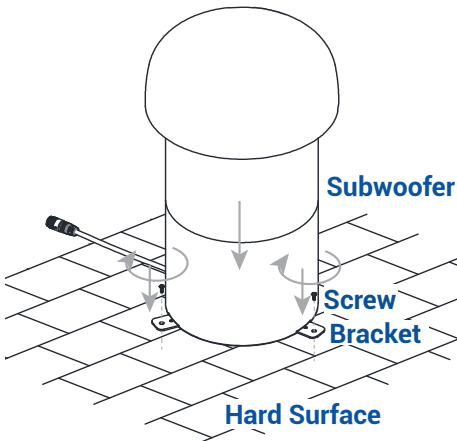
INSTALLATION METHOD 3: BRACKET

1 REVERSE BRACKET



Loosen the screws to remove the brackets from the bottom of the subwoofer. Reverse the brackets and install them back to the bottom of the subwoofer. Secure with previously removed screws.

2 INSTALL SUBWOOFER TO HARD SURFACE

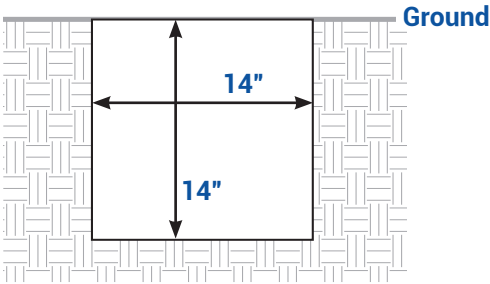


Place the subwoofer on a hard surface. Pass the screws through holes on the bracket and drill them into the hard surface to secure the subwoofer.

Go to the Complete Installation Section page 18.

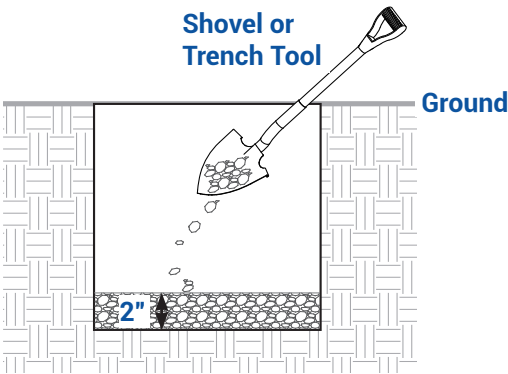
INSTALLATION METHOD 4: DIRECTLY ONTO LANDSCAPE

1 DIG HOLE



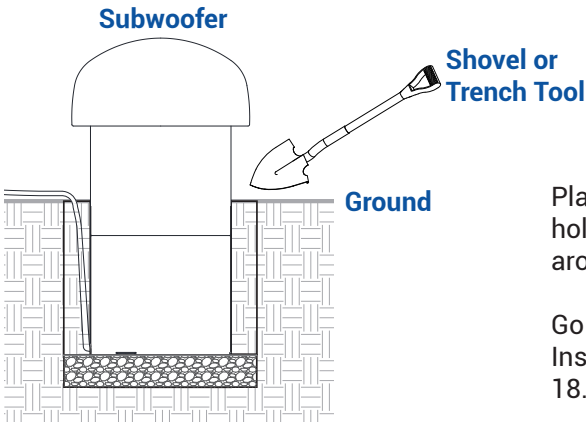
Dig a 14" x 14" hole in the desired area.

2 FILL GRAVEL



Fill with 2" of gravel.

3 PLACE SUBWOOFER INSIDE THE HOLE



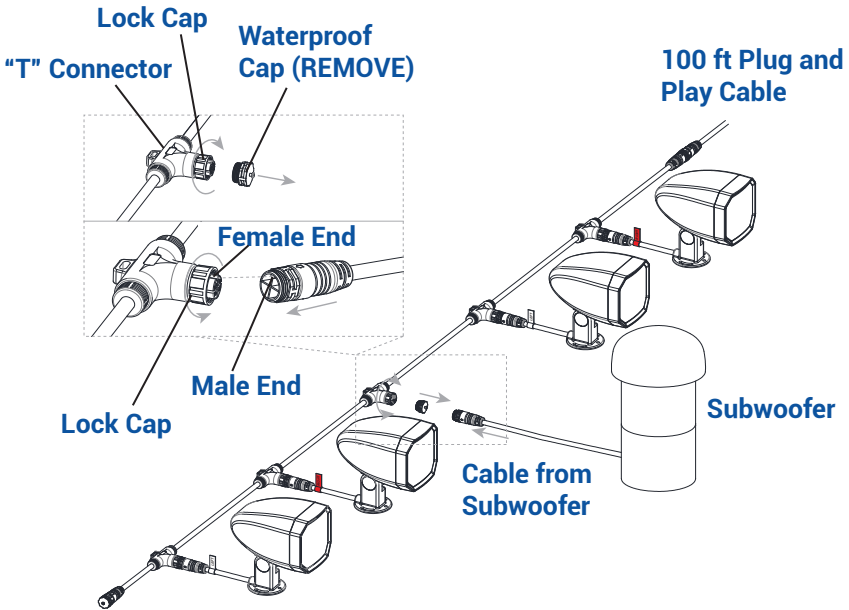
Place the subwoofer in the hole and fill in the areas around the subwoofer.

Go to the Complete Installation Section page 18.

INSTALLATION INSTRUCTIONS

COMPLETE INSTALLATION

CONNECT SUBWOOFER TO 100FT INSTALLATION CABLE

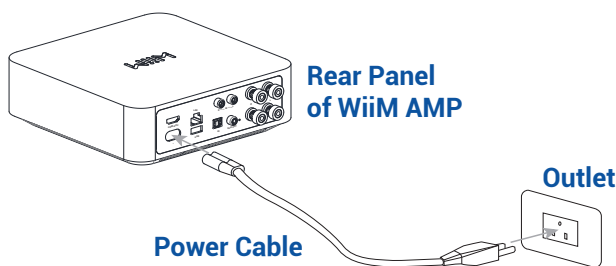


Connectors of the subwoofer and 100ft plug and play cable.

CONNECT TO WiiM AMP & SOUND CHECK

1 POWER ON THE WiiM AMP

Important Safety Warning: Before connecting the power to the WiiM AMP, it is crucial to first connect your speakers and any other audio ports. This sequence is important to safeguard both your equipment and the quality of your audio experience. By following this procedure, you ensure a safe and efficient setup process for the WiiM AMP.



Connect the WiiM AMP to the outlet by using the provided power cable. After powering on the WiiM Amp, wait 30 seconds for it to fully boot up before starting the setup process.

2 DOWNLOAD AND INSTALL THE WiiM HOME APP

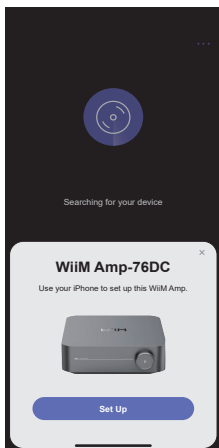
For an iOS or Android device, scan the following QR code to download the APP.



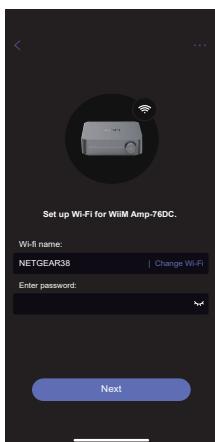
The beta version is also available for Windows and Mac OS. Download it from the website <https://wiimhome.com/app>.

3 WiiM AMP SETUP VIA WI-FI USING WII-M HOME APP

Connect via Wi-Fi, make sure you have the network password ready. This will ensure a smooth and efficient setup process.



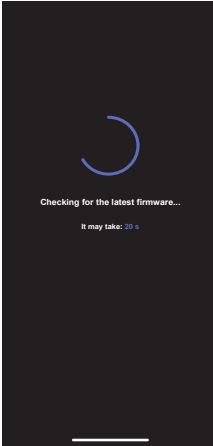
Open the WiiM Home APP on your smartphone or tablet. When the **Set Up** pop-up appears in the APP, tap it to start the setup.



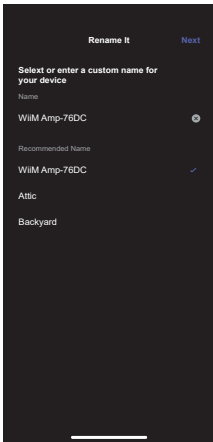
Connect the WiiM AMP to the same Wi-Fi network as the WiiM Home APP.

INSTALLATION INSTRUCTIONS

3 Wiim AMP SETUP VIA WI-FI USING Wiim HOME APP (CONTINUED)



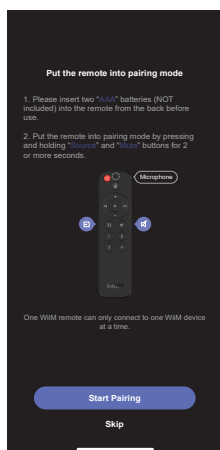
Check and update the firmware.



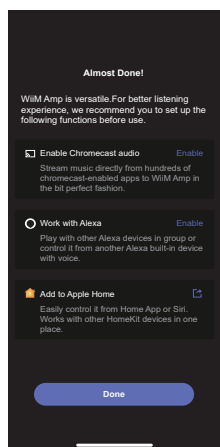
Rename the Wiim AMP.

3 WiiM AMP SETUP VIA WI-FI USING WII-M HOME APP (CONTINUED)

Set up the WiiM Voice Remote with the WiiM AMP.

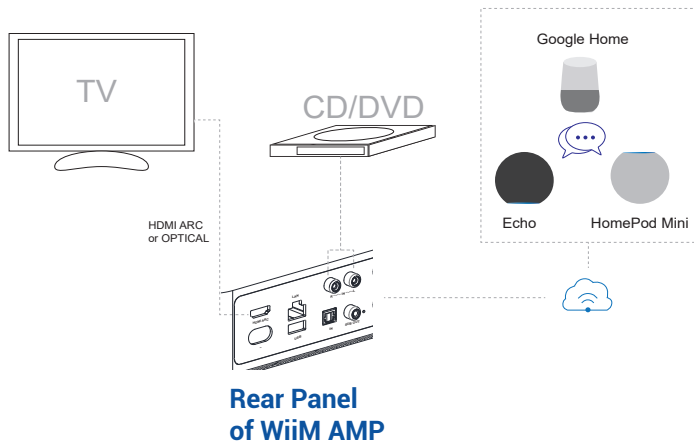


Set up Google Cast and Amazon Alexa.



INSTALLATION INSTRUCTIONS

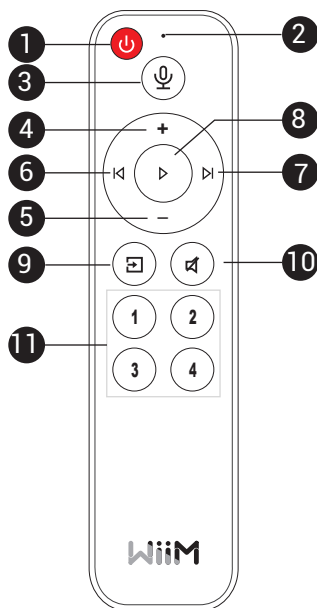
4 SELECT AUDIO INPUT SOURCE AND CONFIGURE AUDIO INPUT



Connect any other audio device to WiiM AMP: TV, DVD, etc.

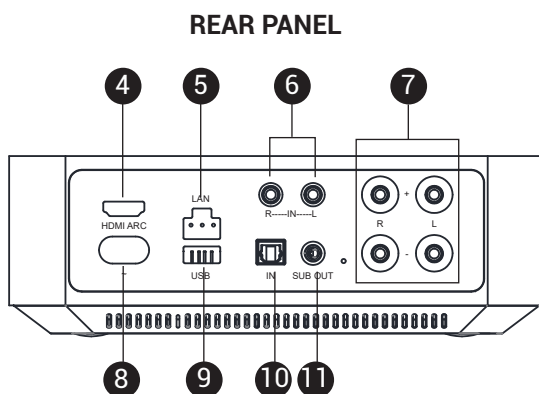
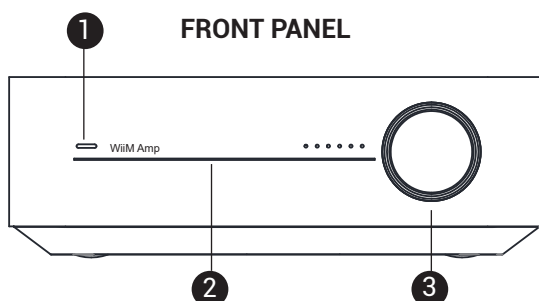
REMOTE CONTROLLER FUNCTIONS

This remote controller uses two “AAA” batteries (not included). Insert the batteries before use.



	Button	FUNCTION DESCRIPTION
1	Standby	Press to put the WiiM Amp into standby mode.
2	Microphone	Capture voice commands.
3	Voice Control	Press and hold to give voice commands.
4	Volume Up	Press to increase the speaker volume.
5	Volume Down	Press to decrease the speaker volume.
6	Previous	Press to return to the previous playback or restart the current playback.
7	Next	Press to skip to the next playback.
8	Play/Pause	Press to start or pause the current playback.
9	Source Switch	Press to change the input source.
10	Mute/Unmute	Press to mute or unmute the speakers.
11	Preset Shortcuts	Press buttons 1~4 to play the corresponding presets.

WiiM AMP FUNCTIONS



WiiM AMP FUNCTIONS (CONTINUED)

	BUTTON	FUNCTION DESCRIPTION
1	Status LED	A three-color LED (RGW) indicator to display the operational status of the WiiM AMP. For more information, see LED Status Lights .
2	Volume LED	Six LEDs indicate the volume level of the WiiM AMP.
3	Volume Knob	Push: • Play/Pause • Wi-Fi setup or Bluetooth pairing (push and hold for 3 seconds) • Restore to the factory setting (push and hold for 10 seconds) Turn clockwise: Increase volume Turn anti-clockwise: Decrease volume
4	HDMI ARC	Connects to a TV for audio input. It supports Stereo PCM, Dolby Digital (DTS is not supported).
5	LAN	10/100Mbps Ethernet port
6	LINE IN	Connects to external audio sources such as CD players, audio players, and TVs for analog audio input.
7	Speaker Out	Connect the banana plugs (L,R) to match the color of the banana sockets.
8	Power Input	100-240V AC input, 50/60 Hz, 4A Max
9	USB	USB IN: Allows connection to USB storage devices for playing audio files directly. USB OUT: Outputs high quality audio to an external DAC or other audio device with a USB audio input. Note: Use a USB hub to connect both USB IN and USB OUT simultaneously.
10	OPTICAL IN	Connects to external audio sources, such as a TV or PC, for digital audio input. It supports audio input of up to 192 kHz/24-bit.
11	SUB OUT	Connects to a powered subwoofer and outputs a signal at 2.0 Vrms.

INSTALLATION INSTRUCTIONS

WiiM AMP FUNCTIONS --- LED STATUS LIGHTS

LED Color	PATTERN	STATE
Fast Flashing White		Boot-up
Slow Flashing White		OOBE/Ready to setup
Slow Flashing Green		Bluetooth ready to pair
Fast Flashing White and Green		Connecting to Wi-Fi
Solid White		Connected to Wi-Fi
Solid Green		Bluetooth mode, paired
Solid Light Green		Line-in mode
Solid Orange		Optical-in mode/TV mode
Slow Flashing White and Green		OTA update
Slow Flashing White and Red		Restore to factory settings
Solid Yellow		No network
Slow Flashing Red		Wi-Fi error
Fast Flashing Red		Device error

COMPLETE SOUND CHECK

BURY CABLES

When satisfied with the sound, bury the cable. Ensure that any of the T connector ends that have no connection are capped with the waterproof caps.