



**MASTER & DYNAMIC**

USER MANUAL – MA770 SPEAKER

[www.masterdynamic.com](http://www.masterdynamic.com)

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## SOUND TOOLS FOR CREATIVE MINDS

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At Master & Dynamic our obsession is the interaction between sound and creativity. Our passion is building beautifully designed, technically sophisticated sound tools for creative minds.

Our MA770 Wireless Speaker introduces the New Geometry of Sound. Designed with Sir David Adjaye, the WiFi or Bluetooth-connected speaker is made of an acoustically superior proprietary concrete composite.

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## SCULPTURAL COMPOSITION

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Cast in a new geometric form, the proprietary concrete composite provides exceptional acoustic benefits such as increased dampening, reduced resonance, and a purer sound. The dampening properties are so high that the speaker can play at full volume without causing a record to skip or the table and floor to vibrate.

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## PREMIUM MATERIALS

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The MA770 is outfitted with dual 4" woven Kevlar long throw woofers, a 1.5" titanium tweeter and diamond-cut anodized aluminum controls. An elegant, magnetically attached steel grille is removable for those that prefer the look of the exposed components and hand-finished concrete.

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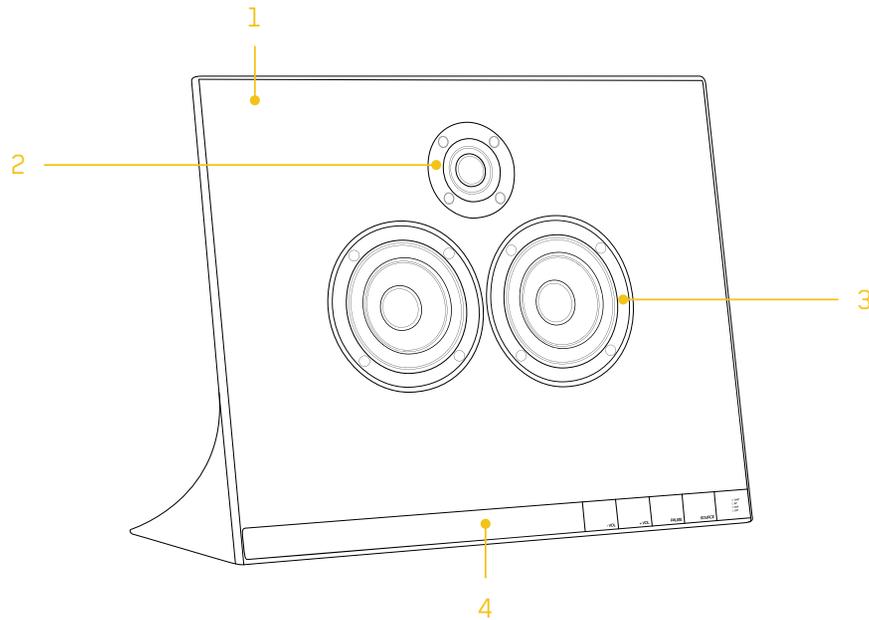
## IMMERSIVE SOUND

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Constructed in a seamless, sealed concrete composite form, the speaker fills a large room with sonically sophisticated sound, powered by 100 Watts of Class D amplification. It can be used as a single unit, stereo pair or multi-room setup via Chromecast built-in.\*

\*Chromecast built-in and Google Home are trademarks of Google Inc.

## OVERVIEW



1. Proprietary Concrete Composite
2. Titanium Tweeter Dome
3. Dual Kevlar Long Throw Woofers
4. Diamond-Cut Aluminum Controls

For video tutorial on unboxing and setting up your new speaker go to [http://mdyn.co/MA770\\_Product\\_Tutorial](http://mdyn.co/MA770_Product_Tutorial).

## SPECS



### DIMENSIONS

mm: 410 x 510 x 245  
in: 16 x 20 x 10

### WIRELESS CONNECTIVITY

Dual band 802.11 a/b/g/n/ac WiFi and Bluetooth 4.1 with BLE



### WEIGHT

16kg/35lbs

### MATERIALS

Proprietary Grey Concrete Composite, Stainless Steel, Anodized Aluminum



### CABLE

Detachable 2m Region-Specific Power Cable



### TWEETER

1.5" Titanium Dome

### CONNECTIVITY

Chromecast built-in, Bluetooth 4.1 with BLE, 3.5mm Auxiliary Analog, TOSLINK Optical Audio

### WOOFERS

Dual 4" Woven Kevlar Long Throw Woofers



### AMPLIFICATION

100W Class D  
3 Discrete Channels

### CABINET TYPE

Seamless Cast, Ported

### DEVICE COMPATIBILITY

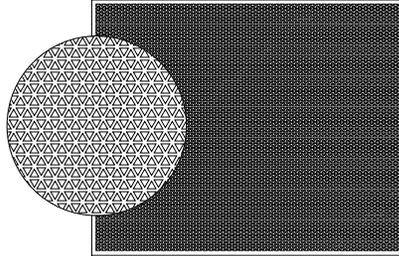
iOS and Android devices with the latest software updates

### STREAMING SERVICES

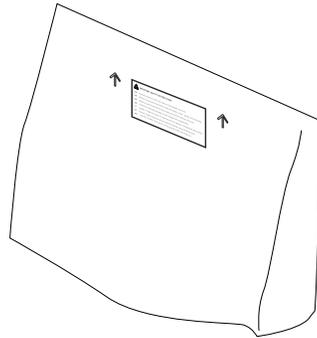
Chromecast Enabled Applications Including: Spotify, Tidal, Pandora, Soundcloud, Deezer and More

## ACCESSORIES

- Magnetic Grille



- Cloth Cover

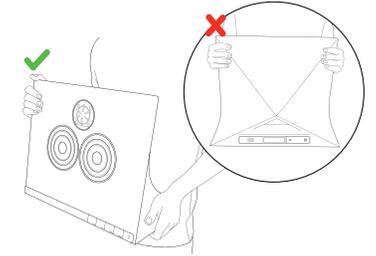


- 2m Region-Specific Power Cable

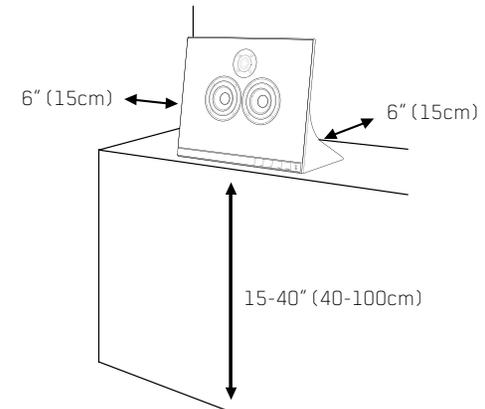


## PLACEMENT

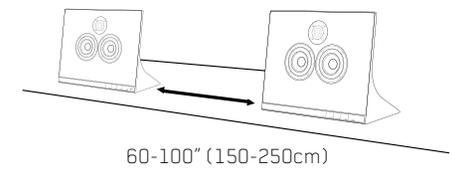
- Always use two hands when moving the speaker into place



- Recommended Placement for a Single Unit



- Recommended Placement for a Stereo Pair



## GENERAL FUNCTIONS



Audio	+VOL	Higher Volume
	-VOL	Lower Volume
	PAUSE	Pauses BT/CAST Playback Mutes Wired Playback
	SOURCE	Change Source Mode
Factory Reset	Hold down -VOL and SOURCE	

**Note:** Each source has an individual volume memory and will return to the previously played volume when source is switched.

When the speaker's source is set to **BT**, the volume of the speaker is synced to that of the user's mobile device.

When the speaker's source is set to **CAST**, the volume of the speaker is synced to that of the streaming app on the user's mobile device. Volume control must be done via the streaming app.

## CONNECT TO THE MA770

**EU ONLY:** Google Cast setup is required prior to connecting to any other source including Bluetooth, Auxiliary and Optical.

When connecting/reconnecting the speaker to a power source, the four **SOURCE** button lights will fast pulse as the speaker powers up. Once flashing ceases, proceed with setup/use. After startup, the speaker will slow pulse on the **CAST** light indicating it is ready to connect to WiFi.

The speaker will remain on and ready for use whenever it's connected to a power source. There is no need to turn your speaker on or off.

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## WIFI CONNECTIVITY

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To connect the speaker to a WiFi network, download the Google Home application on your mobile device. Proceed to follow the prompts within the application. For further instructions, visit the Google Home Support Center. Once the speaker is properly connected to the WiFi network, the **CAST** light will remain lit.

**Note:** When connected to WiFi and if available, occasional software updates will automatically download to the speaker. When a software update is in progress the **CAST** light will fast pulse. The light will continue to quickly pulse until the download is complete; the speaker will then restart.

If you encounter trouble while connecting the speaker to WiFi, your router settings may interfere with Cast. Visit the Google Chromecast Support Center to check for critical router settings.

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## STREAM VIA CHROMECAST BUILT-IN

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Once the speaker is connected to the same wireless network as your mobile device, open your preferred Chromecast enabled music streaming app, tap the **Cast** button () , select the speaker as the device and then press play.

**Note:** You can always Cast to the speaker regardless of the selected source.

The Cast process is unique to each streaming application. App specific Cast instructions can be found within the Support section of each app's website.

For a full list of Chromecast enabled streaming services visit [www.google.com/chromecast/audio](http://www.google.com/chromecast/audio)

## USING BLUETOOTH, ANALOG AND OPTICAL

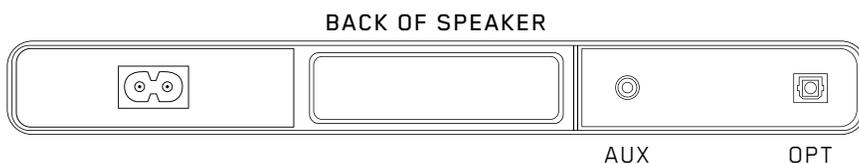
To play music via Bluetooth, first select **BT** as the speaker's source. Once selected, the **BT** light will pulse indicating it is ready to pair. Enable Bluetooth on your mobile device and then select the speaker as the device to complete the pairing. The **BT** light will remain lit once the pairing is complete. Press **Play** in your preferred music streaming application.



**Note:** The speaker's source must be set to **BT** in order for it to be discoverable within the Bluetooth settings on your mobile device. The speaker and your mobile device will not auto connect.

If the speaker is muted in a wired connection source, the **AUX** or **OPT** light will slow pulse.

The speaker has an Auxiliary Analog Audio and TOSLINK Optical Audio inputs, which are compatible with devices that have similar auxiliary and optical outputs.

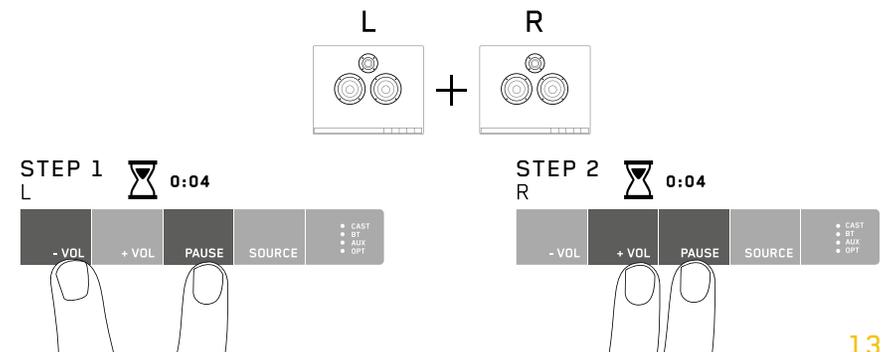


## SETTING UP A STEREO PAIR

To create a stereo pair between two MA770 speakers, first make sure they are both connected to the same WiFi network. Hold down the **-VOL** and **PAUSE** buttons on the left speaker for four seconds. All four **SOURCE** lights will pulse indicating pairing is activated. Hold down the **+VOL** and **PAUSE** buttons on the right speaker for four seconds. All four **SOURCE** lights will remain solid for two seconds indicating that you've successfully created a stereo pair. The stereo pair will be named after the left speaker with the word "pair" added to the end. This pairing will be visible when connecting to the speaker via Cast and Bluetooth on your mobile device.

If the pairing has failed, the lights on each speaker will quickly flash and then turn off. To cancel this setup, press and hold the **PAUSE** button for four seconds.

**Note:** When speakers are in stereo pair mode, only the left speaker can receive wired inputs. However, the volumes are synced and the controls of both speakers work together.

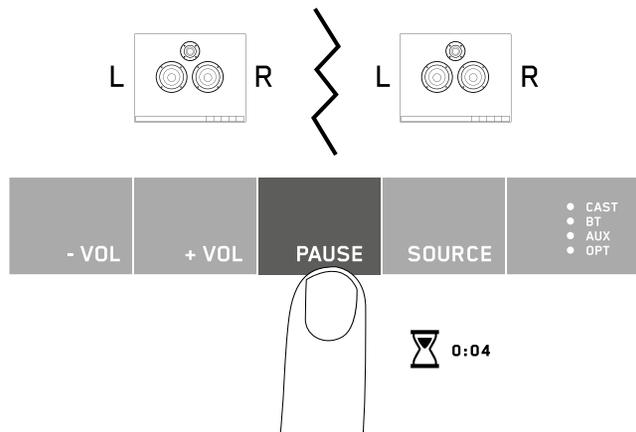


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## BREAKING A STEREO PAIR

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To return your speakers to single unit mode, hold down the **PAUSE** button on either speaker for four seconds until the lights on the **SOURCE** button quickly flash. The lights flashing indicate that the stereo pair has been disconnected.



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## MULTI-ROOM AUDIO

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An audio group can be created with multiple Chromecast built-in enabled audio devices within a single WiFi network. Use the Google Home app to create an audio group. Visit the Google Home Support Center for further instructions.

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## SOFTWARE UPDATES

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When connected to a WiFi network, your speaker will automatically receive occasional software updates when available. The **CAST** light quickly pulsing indicates that an update is underway. Once the update is complete, the speaker will go through the start up sequence of all four **SOURCE** lights flashing during the power up period.

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## MAINTENANCE & TROUBLESHOOTING

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- Be cautious to not touch the tweeter or woofers
- You can clean your speaker with a slightly damp microfiber cloth. Avoid all solvents.
- Do not drop, bump or allow the speaker to be exposed to water, moisture or extreme temperatures.
- Only use the provided 2m power cable to connect the speaker to a power source.
- To complete a factory reset, hold down **-VOL** and the **SOURCE** buttons for 4 seconds until the lights on the **SOURCE** button quickly flash four times.
- The Google Chromecast Support Center is available for all Cast/WiFi specific questions.