CRYSTAL ACOUSTICS | WiSound

# Cuby Quick Guide

## Thank you for purchasing Crystal Acoustics Cuby

Cuby uses a **unique driver design** to create a fully immersive 360° **room filling musical experience**, as well as convenient, compact size **for placing it anywhere in your house**.

Small yet powerful, it produces an **unexpectedly deep and clear bass**.

With Cuby, you can **connect numerous devices** and enjoy countless hours of **non compromised listening**.

Acoustic Features:
• **5 Drivers** (Cuby-5MR), **9 drivers** (Cuby-9MR) with Balanced Directivity for **wide sound everywhere in the room**
• **Ideal** In-Room response using **WiSound technology**
• **Incredible Bass** down to **38Hz** (Cuby-5MR), **35Hz** (Cuby-9MR)

## 1 Place it

Cuby uses a **unique driver design**. By positioning drivers **at the sides and top**, your speaker can achieve an **ideal In-Room Response**.

Thanks to its innovative design, you can **place your Cuby anywhere in the room** and **hear the sound perfection everywhere**.

For the **optimal use** of Cuby, please remember **not to cover the unit's top and side speakers**.

**Place it near the back wall and not too far from the side walls** in order to have **richer reflections** and **three dimensional sound field**.

Of course, this is a **useful hint** to enhance **sound perfection**, contrary to **conventional speakers** that **suffer from wall reflections**.

### WiSound Speaker
Drivers firing forward, sideways and upwards

Room-filling sound — Full Source Size With natural sound height

**Rich** feeling of space

Wide dispersion with **zero** directivity

**Wide listening area**
Sound from reflections
Direct Sound
Wide Listening Area

### Conventional Speaker
Front-firing speakers only

Narrow sound Limited sweet spot — Limited Source Size Lack of height in sound perception

**Narrow** feeling of space

**High** directivity

**Narrow listening area**
Narrow Listening Area
Sweet Spot

### Live Music
Sound towards all directions

Space-filling sound — Full Source Size With natural sound height

**Rich** feeling of space

Wide dispersion with **zero** directivity

**Wide listening area**
Sound from reflections
Direct Sound
Wide Listening Area

## 2 Connect it

Connect Cuby to your devices through:
1. **Optical:** If available, use this connection **for best quality**
2. **RCA:** Connect **both left and right** channels to your device
3. **AUX 3.5mm:** Connect to the **headphone** output of your device
4. **USB:** Play songs from your **USB HDD/Flash or charge your phone/tablet**
5. **Ethernet:** Get **network access** in case of no/weak Wi-Fi signal

CRYSTAL ACOUSTICS with WiSound technology

WPS   AUX IN   AUDIO IN   USB   ETHERNET   OPTICAL IN

www.CrystalAcoustics.com    www.WiSound.com

**Note:** When the **3.5mm socket** is used, it takes **priority** over the **RCA** input and it becomes the **Auxiliary Source**. In this case the **RCA** input is **muted**.
**Note:** To **save power**, Cuby will **automatically turn off** (in optical / line-in mode) if **no sound** has played through it for **30 minutes**. It will automatically **turn on** again once it **receives a signal**.

## 3 Control it

Control Cuby by the unit's **top panel keys**, or the included **remote control**. Use either **short** or **long** press for **dual function** capability.

**Long press**
Power ON/OFF | BT Pairing Radio Preset Selector | Volume Down | Volume Up

PAIR / RADIO — LONG PRESS
INPUT — SHORT PRESS

**Short press**
Input Selector | Play/Pause | Mute | Previous Track | Next Track

Power ON/OFF — Mute
Play/Pause — Volume Up
Previous Track — Next Track
Volume Down
Web Radio Presets
Learning Function — Bluetooth Pairing — Input Selector

LEARN   PAIR   INPUT

CRYSTAL ACOUSTICS   WiSound

**Note:** If in **maximum volume** you are experiencing **crackling sound** during heavy **Bass passages**, the **protection mechanism** for the amplifier and speaker drivers has been activated. **Turn down the volume a bit!**

## 4 Select it

Use the **Input button** on the **unit** or on the **remote control**, to **cycle** between the various available options:

Bluetooth → Optical → Auxiliary → WiFi

**Input colors** are according to table:

| Color | Input |
|---|---|
| Blue | Bluetooth |
| Red | Optical |
| Green | Aux |
| Yellow | Wi-Fi |

PAIR / RADIO — LONG PRESS
INPUT — SHORT PRESS

## 5 Pair it [Bluetooth]

You can connect your Cuby with any **Bluetooth enabled device** (phone,tablet, computer, etc).
1. Select the **Bluetooth input** either **on the unit** or on the **remote** by **cycling Inputs**.

OR

2. To **pair** a Bluetooth device to Cuby, **press and hold the pairing button** for about **5sec**. The Bluetooth indicator LED will **start blinking**.

OR

3. Consult the instructions of the device **to be paired** to connect to Cuby. Successful pairing will be signaled by a **'beep'** from the unit and the **Bluetooth indicator** LED will **stop blinking**.

Once paired, **music** from your device **will play** through the unit.

**To add another** Bluetooth device, **repeat from step 2**. Cuby may store up to **eight** paired devices in memory.

## 6 Network it [Wi-Fi]

Use **App Store** (IOS devices) or **Google Play** (Android devices) to download **WiSound** application (**Wi-Fi connection and internet access are required**).

**Run the App** and **follow on screen guide** to setup network.

To **add the first speaker** in your network:
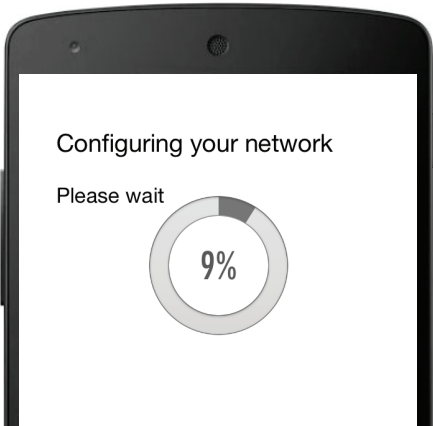
**1.** Press **Add Device** button

> Please make sure your WiSound device is powered and on the same network as your phone or tablet. If not, please tap the "Add Device" button to configure your device to your Wi-Fi network.
>
> Add Device

**2.** Type the **password of your wifi network** and press next

> Please enter router password
>
> ••••••••
>
> Your router's name is crystal unify

**3.** Press the **WPS button** on the **back** of your **speaker** and press **next**

> CRYSTALACOUSTICS   with WiSound technology
> L
> R
> AUX IN   USB   AUDIO IN   ETHERNET   OPTICAL IN
> www.CrystalAcoustics.com   www.WiSound.com

**4.** The **App** searches the speaker and **automatically adds it** to your **network**

> Configuring your network
> Please wait
> 9%

**5.** You can now **select the speaker's name** or **set a custom one**

> ‹   NAME DEVICE   Finish
> Custom...
> Bathroom   ✓
> Bedroom
> Den
> Dining Room
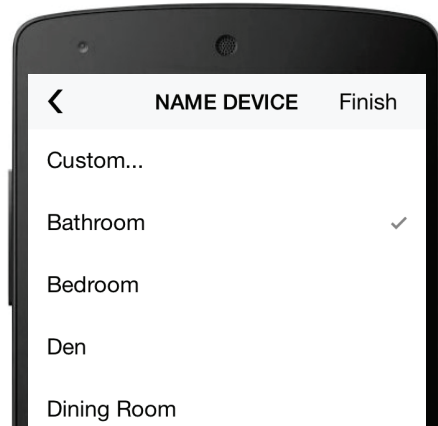
**6. To add more** speakers, **press + on the top right** and **repeat** steps **1-5**

> ‹   DEVICE LIST   +
> Cuby9
> Anyone
> Joan As Police Woman
> L R

**Note:** If you use **Ethernet connection**, instead of Wi-Fi the above procedure is not required. You **just** need to **run the App** and the speaker is already there!

Table below summarizes the **network status** depending on **LED**:

**Useful:**
If there is **no Wi-Fi router available**, you can connect your phone/tablet **directly** to the speaker's network. Typically the name is **CubyX_YY** and the default password is **Wisound1234**. You are strongly advised to **change this password** through the **App** or through your **speaker's web interface** (**10.10.10.254**, under **Network** tab)

## 7 Group It

In the **list** of the **available speakers**, grab and **drag one speaker and drop it over another speaker**. In this way, this speaker (slave) becomes **part of a group** and **Master's** music is also played through all the **Slave speakers**.

> Bedroom NEW
> You Belong with Me
> Taylor Swift
> R
> Bathroom
> Because Of You
> Kelly Clarkson
> R
>
> Multi Mode: Press and hold device icon and drag towards another device to pair devices.

If you want to **ungroup**, just grab and **drag the slave speaker below the middle line**. Slave speaker becomes Master speaker and **can play different music**.

> ✕
> Bedroom NEW
> You Belong with Me
> Taylor Swift
> R
> Bathroom
> R
>
> Solo Mode: Press and hold device icon and drag down past dotted line.

**Useful:**
• You can make **one or more** groups
• You can have **more than one Slave** speakers under the **same Master**
• In a Group, even if the source is **Optical / Line in / Bluetooth**, you can listen to Slave speakers playing the **same song** as the Master speaker (**Redirect feature**)
• You can simultaneously control the **volume of all the speakers** in a group by using Volume buttons of your phone/tablet
• For a **Group** configuration, choose which speaker can play **Left (L) , Right (R) or Left/Right (LR)**, by touching the **relevant icon**.

## 8 Learn it

You can **control Cuby's volume** with your **TV's remote control**. To learn your TV's remote to Speaker:
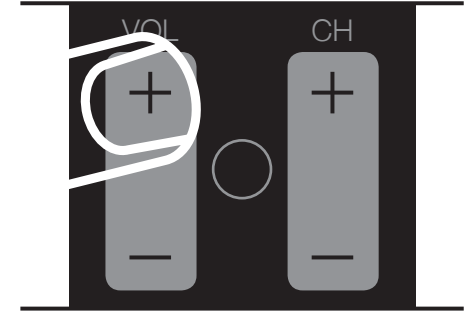
**1.** Keep pressing **LEARN** button on **remote** for about **2 seconds** (LED slow blinking)

> 5   6
> LEARN   PAIR   INPUT
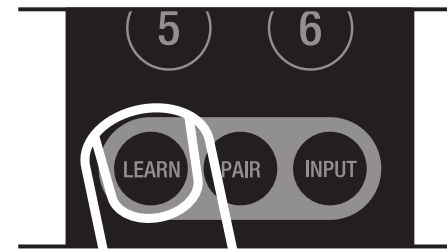
**2.** Press either **Vol+ on speaker's remote** (LED fast blinking)

> VOL
> ⏮ ▶⏸ ⏭

**3.** Press relevant **Vol+ on TV's remote** (LED stops blinking)

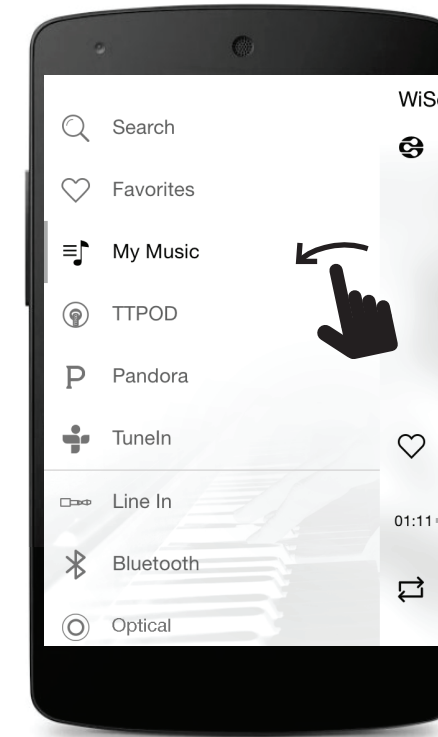> VOL   CH
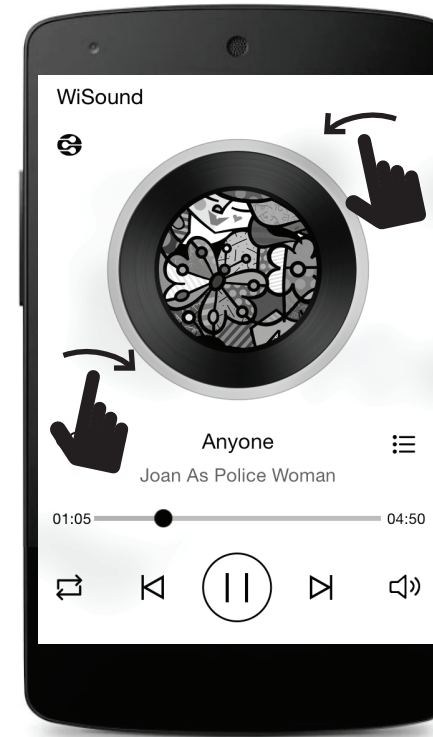> +    +
> −    −

**4.** Repeat steps **1-3 for Vol-**

**Note:** Some TV remotes **may not be compatible** with **Learning function**

## 9 Play it

| Music Selection | Now playing | Available speakers |
|---|---|---|

**Music Selection**
> WiSo
> Search
> Favorites
> My Music
> TTPOD
> Pandora
> TuneIn
> Line In   01:11
> Bluetooth
> Optical

**Now playing**
> WiSound
> Anyone
> Joan As Police Woman
> 01:05   04:50
> ⏮ ⏸ ⏭

**Available speakers**
> ‹   DEVICE LIST   +
> Cuby9
> Anyone
> Joan As Police Woman
> L R
> Pause All
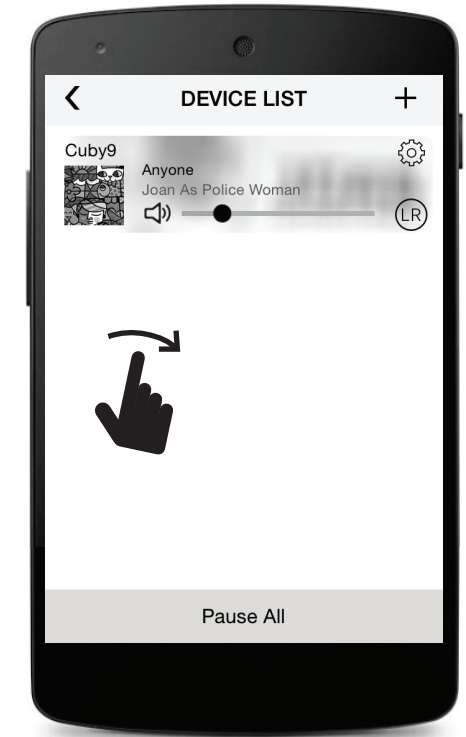
• Select your **local** songs or **USB** songs through **My Music**
• Access **Web Radio** through **TuneIn**
• Change **Input** through **Line In / Bluetooth / Optical**
• **Search** for **online songs** through **Search**
• **Access** your **Favorites** through **Favorites**
• Access **Web services** (Pandora/Spotify/Deezer) by touching the **corresponding icons** (region dependent)
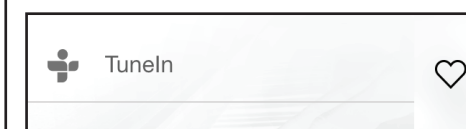
**Useful:**
Your friends/guests can **stream** their music to the **entire group** of speakers **without downloading any Apps** or having to **connect** to your sensitive **Wi-Fi** network. Just ask them to **pair** their phones/tablets via **Bluetooth** to the **Master speaker**!
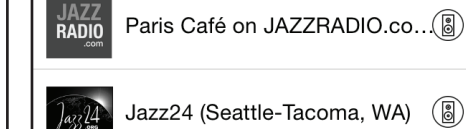
## 10 Preset it

To **assign** web radio stations to **preset** buttons (up to 6 stations can be assigned):
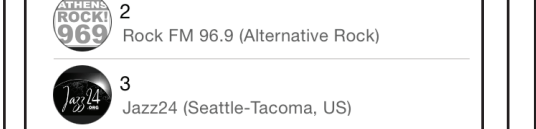
**1.** Select **TuneIn**

> TuneIn   ♡

**2.** Browse your favorite **station**

> JAZZ RADIO   Paris Café on JAZZRADIO.co...
> Jazz24 (Seattle-Tacoma, WA)

**3.** Press the **small icon** next to the **web radio station**

> on JAZZRADIO.co...

**4.** Select the required **preset number**

> ROCK 969   2   Rock FM 96.9 (Alternative Rock)
> 3   Jazz24 (Seattle-Tacoma, US)

Any time wishing to **access** the **preset** web radio stations, simply **select Wi-Fi as input** and **press** the relevant **button** on the **remote**. Alternatively, each **long press** of **RADIO** button, **cycles** to radio presets.

## 11 Charge it

You can charge any **USB** powered device. Just **plug it** to your Cuby's **USB Power Out**.

CrystalAcoustics.com | WiSound.com
WirelessMultiroom.com