



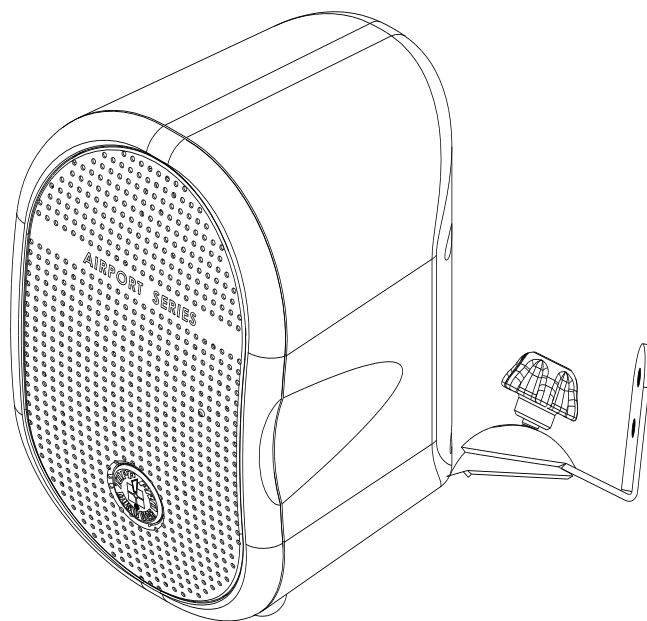
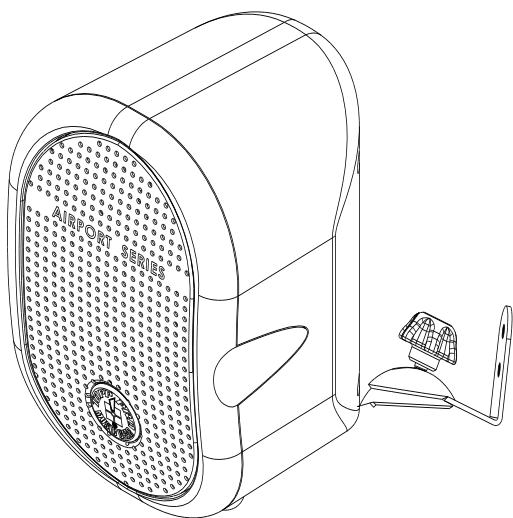
TAP SERIES

User's Manual

TAP20BT
TAP40BT

INDOORS MINI SPEAKER

 **Bluetooth**



Important Safety Instructions



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions.

Please read.



Protective Ground Terminal



AC mains (Alternating Current)

AC mains (Alternating Current)

ON:

Denotes the product is turned on.

OFF:

Denotes the product is turned off.

WARNING

Describes precautions that should be observed to prevent the possibility of death or injury to the user.



CAUTION

Describes precautions that should be observed to prevent damage to the product.

Disposing of this product should not be placed in municipal waste but rather in a separate collection.

WARNING

Power Supply

Ensure that the mains source voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

External Connection

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

Do Not Remove Any Covers

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only.

No user serviceable parts inside.

Fuse

To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

Protective Ground

Before turning the unit ON, make sure that it is connected to Ground. This is to prevent the risk of electric shock.

Never cut internal or external Ground wires. Like wise, never remove Ground wiring from the Protective Ground Terminal.

Operating Conditions

Always install in accordance with the manufacturer's instructions.

To avoid the risk of electric shock and damage, do not subject this product to any liquid/rain or moisture.

Do not use this product when in close proximity to water.

Do not install this product near any direct heat source.

Do not block areas of ventilation. Failure to do so could result in fire.

Keep product away from naked flames.

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions

Follow all instructions

Keep these instructions. Do not discard.

Heed all warnings.

Only use attachments / accessories specified by the manufacturer.

Power Cord and Plug

Do not tamper with the power cord or plug. These are designed for your safety.

Do not remove Ground connections!

If the plug does not fit your AC outlet seek advice from a qualified electrician.

Protect the power cord and plug from any physical stress to avoid risk of electric shock.

Do not place heavy objects on the power cord. This could cause electric shock or fire.

Cleaning

When required, either blow off dust from the product or use a dry cloth.

Do not use any solvents such as Benzol or Alcohol.

For safety, keep product clean and free from dust.

Servicing

Refer all servicing to qualified service personnel only.

Do not perform any servicing other than those instructions contained within the User's Manual.

PORTABLE CART WARNING



Carts and stands - The component should be used only with a cart or stand that is recommended by the manufacturer.

A component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the component and cart combination to overturn.

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Bluetooth PIN#:2013

Don't forget to visit our website at www.topppro.com
for more information about this and other **Topp Pro** products.

1

Introduction

TAP20BT/40BT series is designed for indoor installation and most public address system. It provides quality performance. Furthermore, we offer optional metal rotatable mounting bracket, thus you can install TAP speaker on wall easily. This new compact speaker series meet every demands for restaurants, supermarket, shopping mall, pubs, and so on.

The wireless loudspeakers will remember their pairing and linking settings even after they are powered off. When you turn the loudspeakers back on, they will automatically reconnect to each other. When the connections are re-established between the loudspeakers, the LINK LEDs will light continuously.

Enjoy your TAP series speaker cabinet and make sure that read this manual carefully before operation.

2

Useful Tips

- Speakers should be placed in a position that allows for unobstructed sound projection. In many instances is beneficial for speakers to be elevated on tripod stands to achieve maximum dispersion and reach.
- Use professional advice or service when hanging and installing speakers. Please take precautions to secure them to prevent them from falling and hurting someone. Care should be taken as to not damage the cabinet or its components. Please comply with all pertinent Regulations.
- Using quality cables will ensure the best possible sound.
- For best results match the speakers to a good amplifier that matches the wattage & impedance of your speakers. Proper amplification power results in good quality audio & longer component life. Check out the power requirement for your cabinet.
- Avoid pointing a microphone directly at an amplified speaker doing because it may cause feedback possibly damaging speaker components and your hearing.

3

Useful Date

Serial Number:

Date of Purchase:

Purchased at:

Control Elements

REAR PANEL OVERVIEW

(1) POWER INPUT

Turns the loudspeaker on/off. Make sure the VOLUME knob is set to "zero" before turning it on.

(2) PAIR BUTTON

Press and release this pair button to pair the loudspeaker (7) to your Bluetooth device.

Press and hold this pair button for 3 seconds on each speaker to "link" them for wireless stereo audio.

(3) BALANCED INPUT

Use a standard 1/4" TRS cable to connect your sound source to this input.

(4) INPUT VOLUME

Turn this knob to adjust the input volume.

(5) PAIR LED

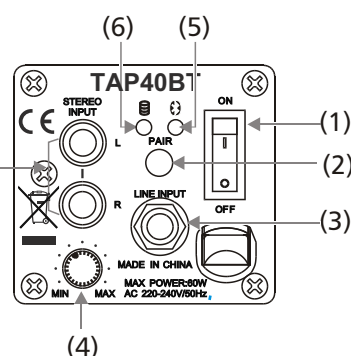
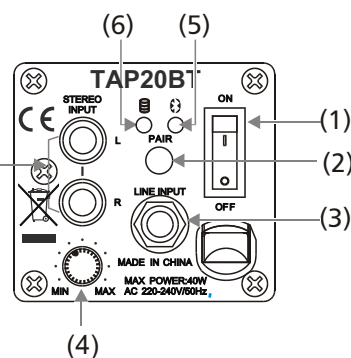
The Bluetooth BLUE LED will flash when the MASTER (7) speaker is pairing your Bluetooth device.

(6) LINK LED

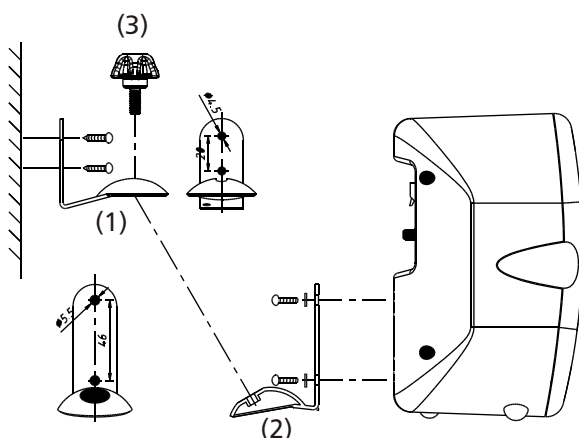
The Bluetooth RED LED will flash when the both speakers are linking. The Bluetooth RED LED will light solid when successfully linked.

(7) STEREO INPUT

Use a standard stereo RCA cable to connect your sound source to this inputs.



5 Installation Description



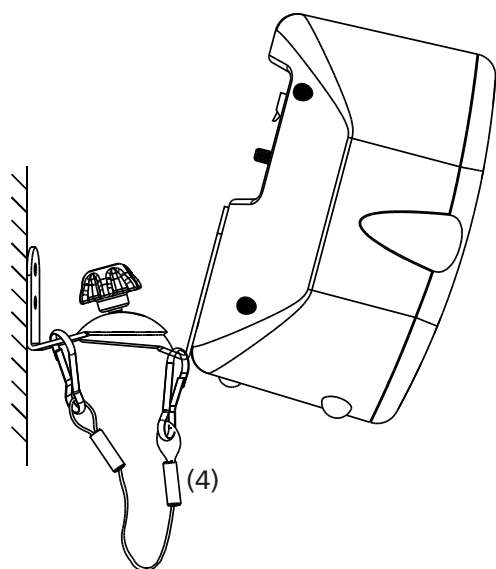
Note: Commercial audio installation system must conform to local building laws. When install speaker on wall or ceiling, please consult a building constructor with a license or a professional engineer. The corporation won't be responsible for the improper installation or damage because of not conforming to installation description.

Installation procedure of CS-2 bracket is very simple and convenient, the appearance is pleasing to the eye.

Step 1: Fasten the CS-2 bracket(1) on the wall with screws. The wall material must support the weight of the cabinet.

Step 2: Place the body of cabinet in CS-2 bracket(2) and lock the screws tightly

Step 3: Use screw (3) lock CS-2 bracket(1) and CS-2 bracket(2) , and use steel rope (4) to connect two brackets.

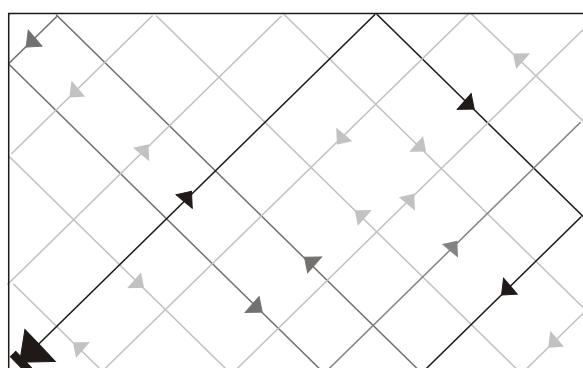


(eg:TAP20BT)

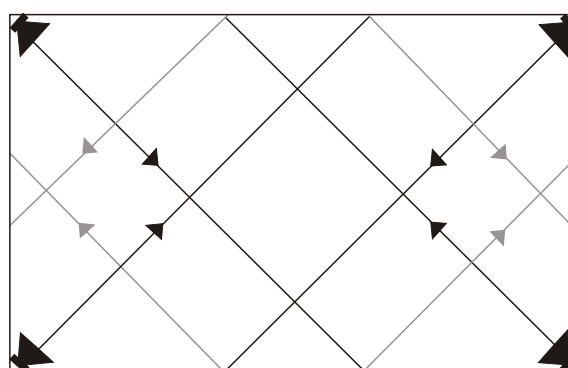
Installation Description

INDOOR INSTALLATION DESCRIPTION:

TAP series speakers are designed specially for fixing and using in different circumstances. The property of speakers may be different due to different circumstances. There is an acoustic surface (wall, floor and ceiling) in a closed room, so the acoustic indoor will turn complex. When acoustic wave hits the surface, a part of acoustic energy is reflected, and others are absorbed. Reflection and absorption are depending on the frequencies of acoustic wave and angle of hitting surface. When operate the cabinet, both man and furniture can absorb the acoustic energy. Please note the position of man and furniture when installing. Reverberation is the results of the reflected acoustic wave continue bouncing between the surfaces. Every reflection will loss the energy. When the acoustic hit the reflection surface, the room will be filled with random reflected acoustic wave. The music and address will be complex. It is recommended that install more speakers and make the volume of speakers lower to reduce the reverberation in high reverberating room. (Please see figure 5B)

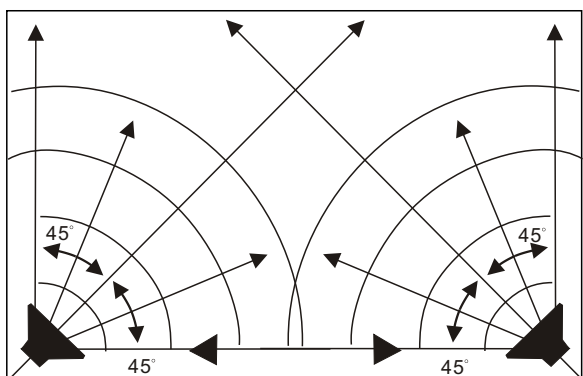


ONE LOUD SPEAKER
(figure5A)

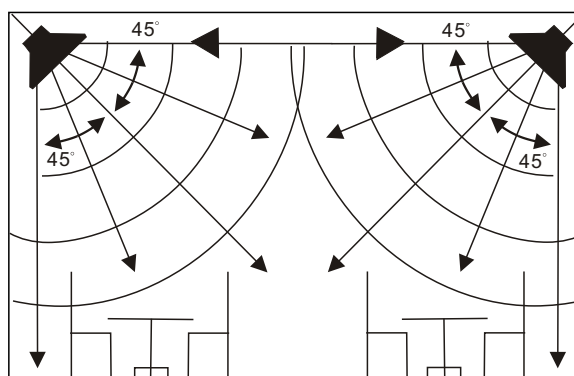


MULTIPLE QUIET SPEAKERS
(figure5B)

Speaker coverage range — Direct the center axle of the speaker to the flat surface of receiving area. The speakers of 90°×90° series can spread the speaker tone to all the directions at the axle of 45°. If you use the speakers in large room, you can divide the room to some zones. Then decide the installing location of the speakers . (Please see figure 6)



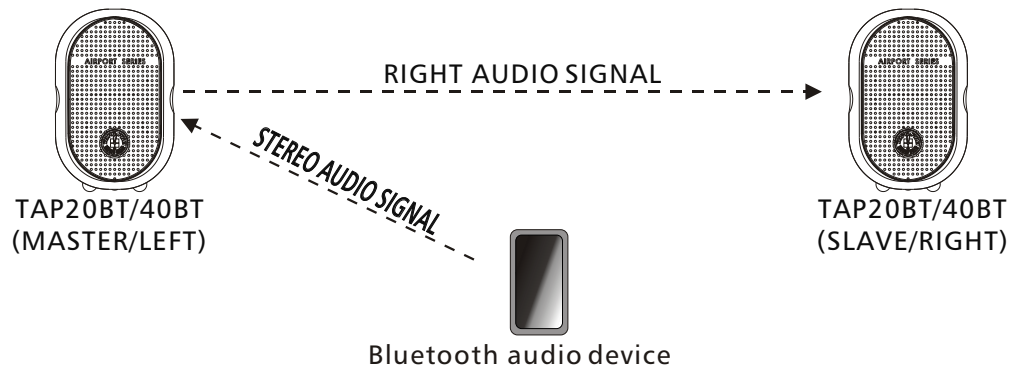
HORIZONTAL



VERTICAL

(figure6)

6 To Set-up 2 Loudspeakers(Stereo)



Note: The loudspeaker that is connected to your source device is the "master"; the linked loudspeaker is the "slave". The source device sends its signal to the master, and the master relays the signal to the slave. The stereo signal will be split between the two loudspeakers: the master loudspeaker will play the left channel; the slave loudspeaker will play the right channel.

Tip: When using two loudspeakers, we recommend labeling the master loudspeaker so you can distinguish between the two units in future setups.

1. Press and hold the **PAIR BUTTON** for 3 seconds on both loudspeakers first.
BT RED LEDs will flash and you will hear a tone (beep), wait 10 seconds.
2. Wait for **MASTER** and **SLAVE** to link.
When successfully linked, the tones will stop and BT RED LEDs will light solid on both speakers.
3. Choose a **MASTER** loudspeaker.
MASTER can be either loudspeaker. Be sure to choose only one. The remaining speaker will be the SLAVE.
4. Press and release **PAIR BUTTON** on the **MASTER** loudspeaker only.
You should hear a tone (beep) ; the PAIR BLUE LED will flash.
5. Select **SEIKAKU BT2.1ONS** on your Bluetooth audio device.
(iPhone, iPad, Bluetooth adapter etc.)
You should enter the password "2013", When your device's Bluetooth will pair.

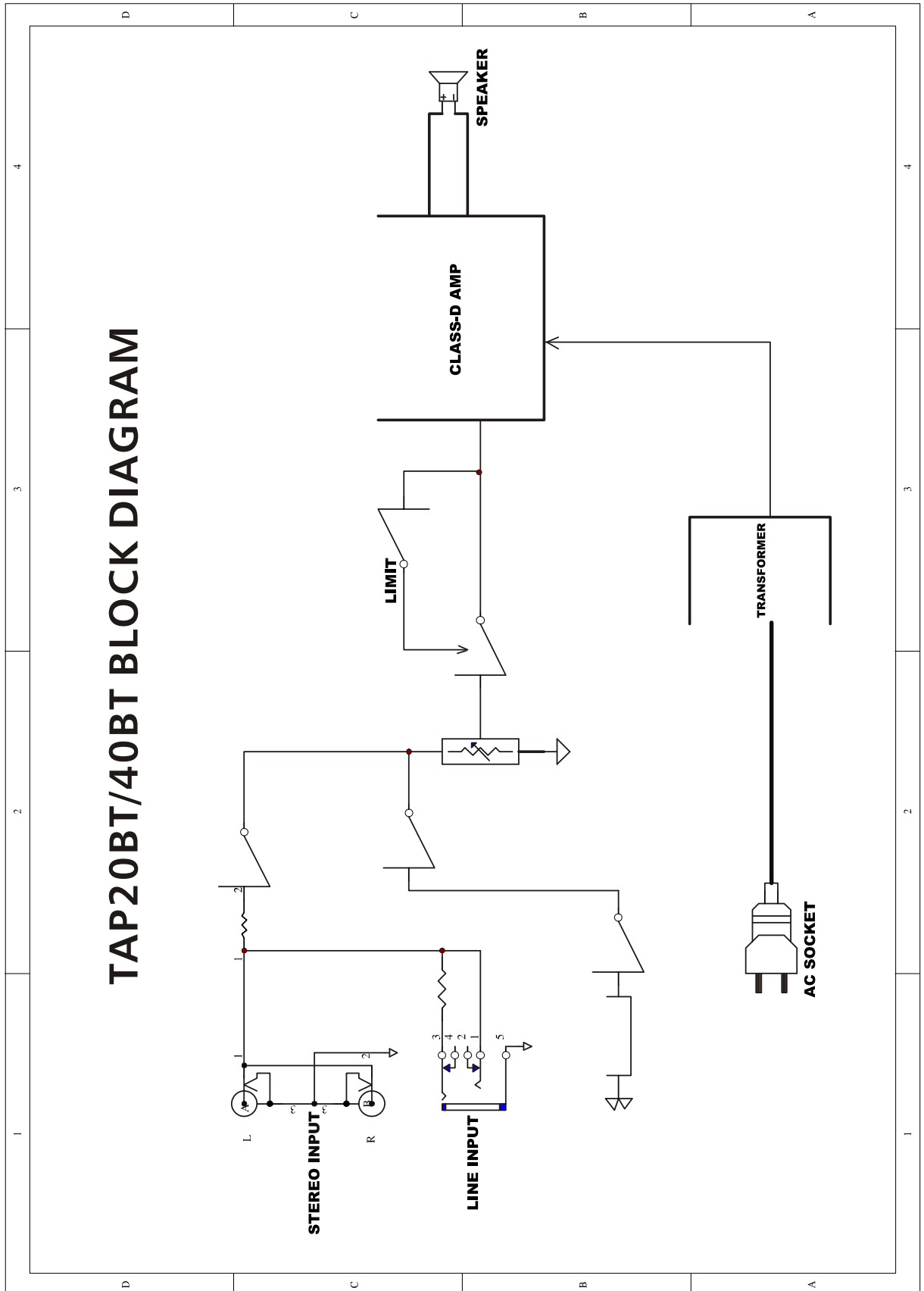
To Set-up 1 Loudspeaker

7

1. Press and release **PAIR BUTTON** on the loudspeaker. You should hear a tone (beep) ; the **PAIR BLUE LED** will flash.
2. Select **SEIKAKU BT2.1ONS** on your Bluetooth audio device (iPhone, iPad , Bluetooth adapter etc.).
3. Wait for device to pair. This may take a while (roughly 10 seconds or longer). When successfully paired, the tones will stop and the **PAIR BLUE LED** will light solid. If the device fails to connect try steps 2-3 again.
4. Play Music.
TO RECONNECT AFTER POWER OFF/ON:
MASTER and SLAVE loudspeakers will reconnect automatically. On your Bluetooth audio device, pick **SEIKAKU BT2.1ONS** and press connect.

8

Block Diagram



Technical Specifications

Model:	TAP20BT
Power System	Class D, 20W Continuous , 40W Peak
Maximum SPL @ 1m	85dB Continuous/ 88dB Peak
Frequency Response	150Hz-20KHz (-10dB)
BT Frequency Range	2400~2500MHz
Transducer Driver	3" (78x78mm) Full Range, 0.8" (20.4mm) voice coil
Inputs	L/R RCA and 1/4" Balanced Input
External Controls	Volume Control/ Bluetooth Link with Red LED/ Bluetooth Pair with Green LED / Bluetooth Pair Switch / Power Switch
Wireless connectivity	Bluetooth(A2DP)
Wireless range	30-40 feet (9-12 meters), Typical
Power Supply	AC 220-240V or AC 110-120 Volt, 50/60Hz
Protection features	Over-excursion, thermal , short circuit protection
Enclosure Construction	Injection-molded polypropylene enclosure ; perforated steel grille.
Mounting information	PP plastic carton can revolve for 180° with revolved fixing shelf
Dimensions (HxWxD)	115x110x175 mm (4.53" x 4.33" x 6.89")
Net Weight	1.35kg / 2.98 lbs

Model:	TAP40BT
Power System	Class D, 40W Continuous , 60W Peak
Maximum SPL @ 1m	87dB Continuous/ 90dB Peak
Frequency Response	95Hz-18KHz (-10dB)
BT Frequency Range	2400~2500MHz
Transducer Driver	4" (106x106mm) Full Range, 1.0" (25.4mm) voice coil
Inputs	L/R RCA and 1/4" Balanced Input
External Controls	Volume Control/ Bluetooth Link with Red LED/ Bluetooth Pair with Green LED / Bluetooth Pair Switch / Power Switch
Wireless connectivity	Bluetooth(A2DP)
Wireless range	30-40 feet (9-12 meters), Typical
Power Supply	AC 220-240V or AC 110-120 Volt, 50/60Hz
Protection features	Over-excursion, thermal , short circuit protection
Enclosure Construction	Injection-molded polypropylene enclosure ; perforated steel grille.
Mounting information	PP plastic carton can revolve for 180° with revolved fixing shelf
Dimensions (HxWxD)	136 x 140 x 206 mm (5.35" x 5.51" x 8.11")
Net Weight	2.56kg / 5.64 lbs



TOPP PRO MUSIC GEAR

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