# MULTI-ROOM AUDIO STREAMER

# **INSTALLATION MANUAL**



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#### 1. INTRODUCTION

Core Multi-Room Audio Streamer offers a seamless listening experience, enabling you to stream your favorite music, podcasts, radio stations, and more to different areas of your space with ease. Core Multi-Room Audio Streamer supports Spotify connect, Tidal connect, Airplay 2, Internet Radio Bluetooth and also comes with a rich selection of analog and digital inputs.

Multi-room audio solution integrates with Core's exclusive user interfaces and is embedded into the CoreOS operating system to provide seamless user experience.

# 2. TECHNICAL SPECIFICATIONS

	Core Streamer Single Zone Preamplifier	Core Streamer Single Zone Amplifier
Power:	12V (12W)	24-32V (100W)
Wifi:	2.4G & 5G	2.4G & 5G
Ethernet:	10/100 M	10/100 M
Analog Input:	Line In - RCA	Line In - RCA
	Optical	Optical
Digital Input:	HDMI ARC	HDMI ARC
	Coaxial	Coaxial
	Bluetooth RX	Bluetooth RX
Anglag Output:	Line out	Subwoofer out
Andlog Output.		Line out
Digital Output:	Coaxial	Coaxial
Digital Output.	Optical	Optical
Frequency Response:	20Hz - 20kHz	20Hz - 20kHz
Audio Decoding	16bits/44.1 kHz	16bits/44.1 kHz
	Airplay2	Airplay2
	DLNA	DLNA
Protocols:	UPnP	UPnP
	Spotify Connect	Spotify Connect
	Tidal Connect	Tidal Connect
Local Storago:	NAS	NAS
Local stolage.	USB	USB
Speaker Power:	No	2X50W @ 80hm load at 32V
Trigger Out:	12V	12V
Bluetooth Antenna:	Yes	Yes
Wifi Antenna:	Yes	Yes
Control Buttons:	No	Play/Pause, Previous, Next
Display:	No	OLED Display
Rotary Switch:	No	Volume UP/Down, Mode

# 3. PRODUCT OVERVIEW

# 3.1 FRONT PANEL



- 1. Previous Button
- 2. Play/Pause Button
- 3. Next Button
- 4. **Display Panel:** Display the current source input and other info
- 5. Knob: Turn to change volume and press to change source input

#### 3.2 BACK PANEL



- 1. Wi-Fi Antenna
- 2. Speaker Terminals: Used to connect speakers.
- 3. Trigger Output: Used to turn on or off an external amplifier with a 3.5 mm cable.
- 4. Factory Reset Button: Press and hold for 5 seconds to restore factory settings
- 5. Subwoofer Out: For active subwoofer connection
- 6. Line Out: Used to connect to external audio devices with a stereo RCA cable
- 7. Coaxial Output: Used to connect to external audio devices with a coaxial digital audio cable.
- 8. Optical Output: Used to connect to external audio devices with a digital optical cable
- 9. HDMI ARC Input: Used to connect TV
- 10. Line Input: Used to connect audio devices with a stereo RCA cable.
- 11. Coaxial Input: Used to connect audio devices with a coaxial digital audio cable.
- 12. Optical Input: Used to connect audio devices with a digital optical cable.
- 13. LAN: Used to connect this unit to a wired Ethernet network.
- 14. USB Input: Used to connect USB storage devices.
- 15. Bluetooth Antenna
- 16. Power Input

#### 4. INSTALLATION

Install both antennas to the device.



Please make sure the power is off before any connection.

# 4.1 CONNECTING SPEAKERS

Be sure to connect the channels and polarities correctly.

1. Peel off about 3/8 inch (10 mm) of sheathing from the tip of the speaker cable, then either twist the core wire tightly or terminate it.



2. Turn the speaker terminal counterclockwise to loosen it.



3. Insert the speaker cable's core wire to the hilt into the speaker terminal.



4. Turn the speaker terminal clockwise to tighten it.





# 4.2 CONNECTING SUBWOOFER

Connect the Subwoofer output to an input on your powered subwoofer or your subwoofer amplifier.



Connect any playback device with Audio out/Line out/AUX out to Line in using an RCA cable.



# 4.4 CONNECTING OPTICAL IN

Connect any playback device with Optical out to Optical in using an optical cable.



### 4.5 CONNECTING COAXIAL IN

Connect any playback device with Coaxial out to Coaxial in using a coaxial cable.



# 4.6 CONNECTING HDMI ARC IN

If TV has HDMI ARC port, there should be an ARC text beside. You can use a HDMI cable to connect it to the ARC port on the device.



#### 4.7 CONNECTING USB DISK DRIVE

Plug in a FAT32 or exFAT formatted USB mass storage device containing digital music files to USB port.



# 4.8 CONNECTING LINE OUT

Connect to any playback device with Audio in/Line in/AUX in using an RCA cable.



# 4.9 CONNECTING OPTICAL OUT

Connect to any playback device with Optical in using an optical cable.



# 4.10 CONNECTING COAXIAL OUT

Connect to any playback device with Coaxial in using a coaxial cable.



### 4.11 CONNECTING WIRED ETHERNET NETWORK

Connect wired ethernet network to a router. IP configuration is in DHCP mode by default.



# 4.12 CONNECTING POWER ADAPTOR

Plug in the power adaptor to power input.



Please make sure all necessary connections are made.



# 5. COREOS4 INTEGRATION

#### 5.1 AUDIO STREAMER IP CONFIGURATION

Audio streamer should have a static IP. A static IP can be assigned by using Core Audio Streamer Configurator Tool. Core Audio Streamer Configurator Tool can be downloaded at https://core.com.tr/streamer/

Steps for setting static IP:

- 1. Connect your PC to the same network with Core Audio Streamer.
- 2. Open Core Audio Streamer Configurator Tool.
- 3. Click "Scan" button.

Audio Streamer Confi	gurator			×
Devices		(	Scan	)
Network Settings IP Address Gateway Address DNS Server Address	1.1.1.1		Save	

4. Audio Streamers on the network will be shown in the devices section.

Devices		
192.168.2.122		Scan
192.168.2.122		
192.168.2.67		
192.168.2.61		
192 168.2.65		
Gateway Audres		
DNS Server		
Address	1.1.1.1	
		Save

5. Assign an available IP address for related Audio Streamer and click "Save" button.

Audio Streamer Confi	igurator	×
Devices		
192.168.2.122	$\sim$	Scan
Network Settings IP Address Gateway Address DNS Server Address	192.168.2.201 192.168.2.1 1.1.1.1	Save

# 5.2 COREOS4 CONFIGURATION

#### 5.2.1 ADDING CORE AUDIO STREAMER

Follow the steps to add Core Audio Streamer into CoreOS4 Touch Panels:

Please see CoreOS4 Programming Manual for Touch Panel Configuration.

CoreOS4 Programming Interface Manual

- 1. Connect to the web interface of Touch Panel.
- 2. Go to Devices > Drivers section
- 3. Click Add New Driver button
- 4. Select "Audio Streamer" for driver type

core		CoreOS 4.0 Onli Web Interface	ine	English	Return to portal	<b>9</b> Sertac Karakoc V
Dashboard		Driver Add				
Devices	~	← Back				
Drivers		Driver Type	Select Driver Type			
( Accessories			CoolMaster Net			
Rooms			Core Center			
Intercom	~	1	KNXnot/IP			
Scene & Automation	×		Siemene Logo			
Security	×		Modbus CoreOS Panel			
UI Settings	~					
🛟 System Settings	~					
2020 © Core - v4.0.24						

5. Enter IP address of Audio Streamer and click "Add" button

core		CoreOS 4.0 Online Web Interface	English	Return to portal	<b>O</b> Sertac Karakoc V
Dashboard		Driver Add			
Devices	^	← Back			
E Drivers		Driver Type Audio Streamer			
Accessories		IP Address	9		
Rooms					
Intercom	~	+ Add			
Scene & Automation	~				
Security	~				
UI Settings	~				
System Settings	~				
2020 © Core - v4.0.24					

core		CoreOS 4 Web Inte	4.0 ● Online erface			English R	teturn to portal	<b>O</b> Sertad	: Karal	koc ~
Dashboard		Acces	sories					Add new acces	isory	· 🕂
Devices	^	Icon	Name ‡	Category ~	Room ~	Driver	Favorite	_	A	ctions
Drivers		•	Spot	Dimmer	Living Room	KNX Twisted Pair		ď	¢	Û
Rooms		•	Spot	Dimmer	Bedroom	KNX Twisted Pair	÷	ď	¢	⑪
Intercom	~	F	Door Sensor	Sensor Door	Living Room	System I/O	Ŷ	ď	¢	Û
Security	~	<b></b>	Gas Sensor	Sensor Gas	Kitchen	System I/O	☆	ď	¢	Û
Ul Settings	~	-	Leak Sensor	Sensor Leak	Kitchen	System I/O	*	ľ	¢	Û
System Settings	~	Ť	Motion Sensor	Sensor Motion	Living Room	System I/O	¥	ľ	¢	Û

6. Now go to "Accessories" section and click "Add New Accessory" button.

7. Select Driver as "Audio Steamer – (IP Address)", name the accessory and select the room. Then click "Next" button.

core	CoreOS 4.0 • Online Web Interface		English	Return to portal	Sertac Karakoc ~
Dashboard	Accessory Add				
Devices	← Back				
Drivers	Step 1	Step 2			(3) Step 3
( Accessories	Enter device name, room and driver				Configure device details
Rooms	« Back				Next »
Intercom	Accessory Name	Core Audio Streamer 🧔			
Scene & Automation	Room	Living Room $\sim$			
Security	<ul> <li>✓ * Driver</li> </ul>	Select Driver			
UI Settings	Favorite	System I/O			
System Settings	Visible	KNX Twisted Pair Audio Streamer - 192.168.2.201	>		
2020 © Core - v4.0.24					

8. Select Icon and click "Next" button.

core		CoreOS 4.0 Online Web Interface		English	📕 Return to portal	<b>O</b> Sertac Karakoc ~
Dashboard		Accessory Add				
Devices	^	← Back	Sicon 4			
Drivers		Step 1	lcon 6			Step 3
Accessories		Back     Back	Icon 8	y		Next »
Rooms			lcon 10			$\bigcirc$
Intercom	×	* Accessory Type	Ref			
Scene & Automation	~	lcon	Icon 4	Õ		
Security	~					
Ul Settings	~					
2020 © Core - v4.0.24	~					

9. Click "Save" button to finish adding the accessory.

core		CoreOS 4.0 • Online Web Interface		s. English	Return to portal	● Sertac Karakoc ~
Dashboard		Accessory Add				
Devices	^	← Back	0			0
Drivers		Step 1	Step 2			Step 3
() Accessories		Enter device name, room and driver	Select category			Configure device details
Rooms		« Back				Save ±
Intercom	×	KNX Integration UI Design				
Scene & Automation	~	Play/Pause				
Security	~					
UI Settings	~	Mute/Unmute				
System Settings	~	Volume Control				
2020 © Core - v4.0.24		Next/Previous				

#### 5.2.2 KNX INTEGRATION

It is possible to use CoreOS4 Touch Panels as a KNX Gateway for Core Audio Streamers and CoreOS4 Touch Panels provide two-way communication. CoreOS4 Touch Panels support the following features:

- Play/Pause
- Play/Pause Status
- Mute/Unmute
- Mute/Unmute Status
- Volume Control
  - DPT 5.001 (1 Byte Percentage) Volume
  - o DPT 5.001 (1 Byte Percentage) Volume Status
  - o DPT 3.007 Relative Volume Control
  - o DPT 1 Volume Louder/Quiter Control
- Next/Previous Song
- Repeat/No Repeat
- Repeat/No Repeat Status
- Shuffle/No Shuffle
- Shuffle/No Shuffle Status
- Song Name Status
- Artist Name Status
- Album Name Status
- Sources
- Sources Status
- Preset Selection

Follow the steps to use CoreOS4 Touch Panels as KNX Gateway:

1. Create group addresses in ETS program.

	Group Addresses	19				
	Address *	Name	Description	Centra	Data Type	Length
88	5/0/0	Play/Pause		No	start/stop	1 bit
88	5/0/1	Play/Pause Status		No	start/stop	1 bit
88	5/0/2	Mute/Unmute		No	enable	1 bit
88	5/0/3	Mute/Unmute Status		No	enable	1 bit
88	5/0/4	Volume		No	percentage (0100%)	1 byte
88	5/0/5	Volume Status		No	percentage (0100%)	1 byte
88	5/0/6	Volume Relative		No	dimming control	4 bit
88	5/0/7	Volume 1 Bit		No	switch	1 bit
88	5/0/8	Next/Previous		No	step	1 bit
88	5/0/9	Repeat/No Repeat		No	enable	1 bit
88	5/0/10	Repeat/No Repeat Status		No	enable	1 bit
88	5/0/11	Shuffle/No Shuffle		No	enable	1 bit
88	5/0/12	Shuffle/No Shuffle Status		No	enable	1 bit
88	5/0/13	Song Name		No	Character String (ISO	14 bytes
88	5/0/14	Artist Name		No	Character String (ISO	14 bytes
88	5/0/15	Album Name		No	Character String (ISO	14 bytes
88	5/0/16	Sources		No	counter pulses (0255)	1 byte
88	5/0/17	Sources Status		No	counter pulses (0255)	1 byte
88	5/0/18	Preset Selection		No	counter pulses (0255)	1 byte



2. Select the features that you want to use in KNX System

100

coro	CoreOS 4.0 Online Web Interface	English Return to portal O Sertac Karakoc V
0516	<u>ب</u>	ు
C Dashboard	Step 1         Step 2           Enter device name, room and driver         Select cate	sgory Configure device details
Devices	« Back	Save ±
Drivers	KNX Integration UI Design	
Accessories		
Rooms	HayPause	
Intercom V	DPT DPT1(1-Bit 0-1) V Read and and and and and and and and and a	Write
Scene & Automation	Play Type Play: 1 - Pause: 0 V	
Security ~		
Ul Settings	Mute/Unmute	
System Settings 🛛 🗸	DPT DPT1(1-Bit 0-1) V Read	Write "J.J
2020 © Core - v4.0.24	Mute Type Mute: 1 - Unmute: 0 V	
core	CoreOS 4.0 Online Web Interface	English Return to portal O Sertac Karakoc ~
0010		
^	Volume Control	
	Volume Control	
Dashboard	Current Volume Control	
Dashboard	Current Volume Control      DPT DPT 5 (8-Bit Unsignt ~ Read	Write J.J.
Dashboard Devices	Courrent Volume Control      DPT DPT 5 (8-Bit Unsignt ~ Read	Write
Dashboard Devices ^ Drivers (1) Accessories	Volume Control      OPT DPT 5 (8-Bit Unsign: ~ Read	Write J.J.
Dashboard Devices Drivers Drivers Chaccessories Rooms	Current Volume Control  DPT DPT 5 (8-Bit Unsignt ~ Read	Write
Dashboard Devices Drivers Characteris Rooms	Volume Control	Write
Dashboard Devices Drivers C Accessories Rooms Intercom	Volume Control	Write
Dashboard Devices Drivers Drivers C Accessories Rooms Intercom Scene & Automation	Volume Control         DPT       DPT 5 (8-Bit Unsignt ~         Read	Write
Dashboard Devices Drivers CL Accessories Rooms Intercom Scene & Automation Scene & Automation	Volume Control         DPT       DPT 5 (8-Bit Unsignt >         Relative Volume Control         DPT       DPT 3 (3-Bit -7+7) >         Write      f         Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) >         Write      f	Write
Dashboard Devices Drivers Drivers C Accessories Rooms Intercom Scene & Automation Security U Settings	Volume Control         DPT       DPT 5 (8-Bit Unsignt ~ Read         Relative Volume Control         DPT       DPT 3 (3-Bit-7+7) ~ Write         Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) ~ Write         Write	Write
Dashboard Devices Devices Drivers Drivers C Accessories C C Rooms Intercom Scene & Automation C Security Ul Settings C C C C C C C C C C C C C C C C C C C	Volume Control	Write J.J.
Dashboard Devices Drivers Christers Chri	Volume Control         DPT       DPT 5 (8-Bit Unsignt > Read         Image: Relative Volume Control         DPT       DPT 3 (3-Bit -7+7) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         Image: Volume Loader/Quiter Control         DPT       DPT 1 (1-Bit 0-1) > Write         Image: Volume Loader/Quiter Control         Image: Volume Loader/Quiter Control	Write

3. Fill the group addresses that have already been created in ETS program as "Write" section for command group addresses and "Read" section for status group addresses.

core	CoreOS 4.0 Online Web Interface English Return to portal O Sertac Karakoc ~
Dashboard	DPT DPT1(1-Bit 0-1) V Read 5/0/1 Write 5/0/0
Devices	Play Type Play: 1 - Pause: 0 🗸
Drivers	
Accessories	Mute/Unmute
Rooms	DPT DPT 1 (1-Bit 0-1) V Read 5/0/3 Write 5/0/2
Intercom V	Mute Type Mute: 1 - Unmute: 0 V
Scene & Automation	
Security ~	🔄 Volume Control
Ul Settings	Current Volume Control
System Settings 🛛 🗸 🗸	DPT         DPT 5 (8-Bit Unsignt )         Read         5/0/5         Write         5/0/4
2020 © Core - v4.0.24	Relative Volume Control

8	Group Addresses	19					
	Address *	Nar	ne	Description	Centra	a Data Type	Length
88	5/0/0	Play/	/Pause		No	start/stop	1 bit
88	5/0/1	Play/	/Pause Status		No	start/stop	1 bit
88	5/0/2	Mute	e/Unmute		No	enable	1 bit
88	5/0/3	Mute	e/Unmute Status		No	enable	1 bit
88	5/0/4	Volu	me		No	percentage (0100%)	1 byte
88	5/0/5	Volu	me Status		No	percentage (0100%)	1 byte
88	5/0/6	Volu	me Relative		No	dimming control	4 bit
88	5/0/7	Volu	me 1 Bit		No	switch	1 bit
88	5/0/8	Next	/Previous		No	step	1 bit
88	5/0/9	Repe	eat/No Repeat		No	enable	1 bit
88	5/0/10	Repe	eat/No Repeat Status		No	enable	1 bit
88	5/0/11	Shuf	fle/No Shuffle		No	enable	1 bit
88	5/0/12	Shuf	fle/No Shuffle Status		No	enable	1 bit
88	5/0/13	Song	g Name		No	Character String (ISO	14 bytes
88	5/0/14	Artis	t Name		No	Character String (ISO	14 bytes
88	5/0/15	Albu	m Name		No	Character String (ISO	14 bytes
88	5/0/16	Sour	ces		No	counter pulses (0255)	1 byte
88	5/0/17	Sour	ces Status		No	counter pulses (0255)	1 byte
88	5/0/18	Prese	et Selection		No	counter pulses (0255)	1 byte



4. Click "Save" button to finish adding accessory.

core	CoreOS 4.0 • Online Web Interface	English	👖 Return to portal	O Sertac Karakoc 🗸
Dashboard	Accessory Add			
Devices	∧ ← Back			0
Drivers	Step 1 Step 2			Step 3
() Accessories	Enter device name, room and driver Select category			Configure device details
Rooms	« Back			Save ±
Intercom	V KNX Integration UI Design			
Scene & Automation	∼ Isy/Pause			
Security	✓ DPT DPT1(1-Bit 0-1) ✓ Read 5/0/1	Write 5	/0/0	
UI Settings	✓ Play Type Play: 1 - Pause: 0 ✓			
System Settings	×			
2020 © Core - v4.0.24				

5. Now link the group objects of KNX devices with related group addresses.

464	Page 10-Audio	Play/Pause	Play/Pause	5/0/0	1 bit C T - start/stop Lov	v
465	Page 10-Audio	Status Play/Pause	Play/Pause Status	5/0/1	1 bit C - W T U start/stop Lov	N
466	Page 10-Audio	Volume	Volume	5/0/4	1 byte C T - percentag Lov	N
467	Page 10-Audio	Status Volume	Volume Status	5/0/5	1 byte C - W T U percentag Lov	N
468	Page 10-Audio	Mute/Unmute	Mute/Unmute	5/0/2	1 bit C T - enable Lov	N
<b>K</b> 469	Page 10-Audio	Status Mute/Unmute	Mute/Unmute Status	5/0/3	1 bit C - W T U enable Low	N
470	Page 10-Audio	Next/Previous	Next/Previous	5/0/8	1 bit C T - step Lov	N
473	Page 10-Audio	Shuffle/No Shuffle	Shuffle/No Shuffle	5/0/11	1 bit C T - enable Low	N
474	Page 10-Audio	Status Shuffle/No Shuffle	Shuffle/No Shuffle Status	5/0/12	1 bit C - W T U enable Low	N
475	Page 10-Audio	Repeat/No Repeat	Repeat/No Repeat	5/0/9	1 bit C T - enable Low	N
476	Page 10-Audio	Status Repeat/No Repeat	Repeat/No Repeat Status	5/0/10	1 bit C - W T U enable Low	N
477 🔛	Page 10-Audio	Song Name	Song Name	5/0/13	14 bytes C - W T U Character Low	N
478	Page 10-Audio	Artist Name	Artist Name	5/0/14	14 bytes C - W T U Character Lov	N
479 🔛	Page 10-Audio	Album Name	Album Name	5/0/15	14 bytes C - W T U Character Low	N
480	Page 10-Audio	Playlist Name			14 bytes C - W T U Character Low	v
514	Page 11-List View Item 1	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Lov	v
520	Page 11-List View Item 2	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Low	v
526	Page 11-List View Item 3	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Low	N
532	Page 11-List View Item 4	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Low	v
538	Page 11-List View Item 5	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Lov	v
544	Page 11-List View Item 6	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Lov	v
550	Page 11-List View Item 7	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Low	v
556	Page 11-List View Item 8	Value (1 Byte Unsigned)	Preset Selection	5/0/18	1 byte C T - counter p Lov	v
564	Page 12-List View Item 1	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Low	v
570	Page 12-List View Item 2	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Lov	v
576	Page 12-List View Item 3	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Low	N
582	Page 12-List View Item 4	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Lov	v
588	Page 12-List View Item 5	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Lov	v
594 院	Page 12-List View Item 6	Value (1 Byte Unsigned)	Sources	5/0/16	1 byte C T - counter p Lov	v



1.1.5 Eclipse Room Controller > Function Page > Page 11-List View				
-	General	Description of the page	Presets	
	Settings	Page Icon	🞜 - Audio 2	•
	Temperature Sensor	Page Function	List View	•
	Humidity Sensor	Number of control element	8	•
	CO2 Sensor	Control Element 1		
	Display	Item 1 Function	Value	•
		lcon	🞜 - Audio 2	-
-	Function Page	Text	Preset 1	
	Settings	Value Data Type	1 Byte Unsigned	-
	Page 1-Main Page	Value	1	÷
	Page 2-Navigation	Control Element 2		
	Page 3-List View	Item 2 Function	Value	•
	Page 4-Shutter/Blind	lcon	🞜 - Audio 2	•
+	Page 5-RTC	Text	Preset 2	
	Page 6-Air Conditioner	Value Data Type	1 Byte Unsigned	•
	Page 7-Slave Thermostat	Value	2	÷
	Page 8-List View	Control Element 3		
	Page 9-Status Display	Item 3 Function	Value	•
	Page 10-Audio	lcon	🞜 - Audio 2	•
	Page 11-List View	Text	Preset 3	
	Page 12-List View	Value Data Type	1 Byte Unsigned	•
		Value	3	÷
+	Scenes	Control Element 4		
		Itom A Function	Malua	-

#### 1.1.5 Eclipse Room Controller > Function Page > Page 12-List View

-	General	Description of the page	Sources	
	Settings	Page Icon	🔐 - Room 21	•
	Temperature Sensor	Page Function	List View	•
	Humidity Sensor	Number of control element	6	•
	CO2 Sensor	Control Element 1		
	Display	Item 1 Function	Value	•
	o sproj	lcon	- Scene 9	•
-	Function Page	Text	HDMI	
	Settings	Value Data Type	1 Byte Unsigned	•
	Page 1-Main Page	Value	1	* *
	Page 2-Navigation	Control Element 2		
	Page 3-List View	Item 2 Function	Value	•
	Page 4-Shutter/Blind	lcon	🖁 - Audio 1	•
+	Page 5-RTC	Text	Bluetooth	
	Page 6-Air Conditioner	Value Data Type	1 Byte Unsigned	•
	Page 7-Slave Thermostat	Value	2	* *
	Page 8-List View	Control Element 3		
	Page 9-Status Display	Item 3 Function	Value	•
	Page 10 Audio	lcon	- Scene 1	•
		Text	Coaxial	
	Page II-LIST VIEW	Value Data Type	1 Byte Unsigned	•
	Page 12-List View	Value	3	÷
+	Scenes	Control Element 4		
		Itom & Eurotion	Value	-

#### 1.1.5 Eclipse Room Controller > Function Page > Page 11-List View

# 6. HOW TO USE

### 6.1 COREOS4 TOUCH PANEL UI

It is possible to control Core Audio Streamer via CoreOS4 Touch Panels. You can pause the music, change the volume, skip to next song, change the source and more.

To control a Core Audio Streamer, select the accessory.



Audio Streamer accessory has 4 sub menus:

- 1. Dashboard
- 2. Sources
- 3. Presets
- 4. Zones

## 6.1.1 DASHBOARD

On the dashboard menu, the played music can be controlled.



- 1. Album cover
- 2. Song name
- 3. Artist name and Album name
- 4. Source
- 5. Repeat/No Repeat
- 6. Previous song
- 7. Play/Pause
- 8. Next song
- 9. Shuffle/No Shuffle
- 10. Mute/Unmute
- 11. Volume control
- 12. Favorite button

#### Favorite Button:

When playing a song from a playlist, it is possible to add the playlist to presets by clicking on favorite button.



### 6.1.2 SOURCES

It is possible to change the source and display current source on sources menu. To change the source, click on source button



#### 6.1.3 PRESETS

It is possible to add favorite playlists to presets so whenever it is wanted, those presets can be called on Touch Panel or via KNX devices.

You can add a playlist to the presets list by clicking the favorite button on dashboard menu while you are listening to a song. 10 preset lists can be added to Audio streamer accessory.



# 6.1.4 ZONES

It is possible to group multiple rooms and zones on Zones menu to play the same music in sync.

To add a room to multiroom function, go to zones menu on master zone and select the zones you want to add.



### MULTI-ROOM AUDIO STREAMER INSTALLATION MANUAL



- 1. Shows the master room and how many slave rooms are added.
- 2. Group Volume. Affects to all zones volume.
- 3. Individual room volume control
- 4. Master icon
- 5. Slave icon
- 6. Connect/disconnect button

#### Slave Audio Streamer:

When an Audio Streamer is set to slave, a connected icon is shown on the accessory.



All controls (except volume control) on a slave audio streamer accessory become passive. To disconnect the room from multiroom function just click on disconnect button.



- 1. Shows the master room which the audio streamer is connected.
- 2. Disconnect Button

### 6.2 SPOTIFY CONNECT

To stream music from Spotify app:

- 1. Connect your mobile device to the same network with Core Audio Streamers.
- 2. Open Spotify App on your mobile device.
- 3. Select a song and click on available devices.
- 4. Select the Audio Streamer you want to play.

![](_page_27_Figure_8.jpeg)

### 6.3 AIRPLAY 2

To stream music via AirPlay 2:

- 1. Connect your mobile device to the same network with Core Audio Streamers.
- 2. Open Airplay device list on your mobile device.
- 3. Select the Audio Streamer you want to play.

![](_page_27_Picture_14.jpeg)

# MULTI-ROOM AUDIO STREAMER INSTALLATION MANUAL

![](_page_28_Picture_2.jpeg)

#### 6.4 BLUETOOTH

To stream music via Bluetooth:

- 1. Switch the source to Bluetooth on Core Audio Streamer by selecting Bluetooth source via Touch Panel or KNX device.
- 2. Turn on Bluetooth on your mobile device.
- 3. Find Core Audio Streamer and click to connect.
- 4. When connected, play music.

![](_page_28_Picture_9.jpeg)

#### 6.5 HDMI ARC

Switch the source to HDMI Arc to connect Core Audio Streamer to any device with HDMI Arc out.

![](_page_29_Picture_2.jpeg)

# 6.6 OPTICAL IN

Switch the source to Optical In to connect Core Audio Streamer to any device with optical out.

Core Audio Streamer supports only stereo audio codecs. When using optical in connection, select PCM type for digital audio for the devices with optical out.

![](_page_29_Picture_6.jpeg)

#### 6.7 LINE IN

Switch the source to Line in to connect Core Audio Streamer to any device with line out.

![](_page_30_Picture_2.jpeg)

# 6.8 COAXIAL IN

Switch the source to Coaxial In to connect Core Audio Streamer to any device with coaxial out.

![](_page_30_Picture_5.jpeg)

### 6.9 USB

Switch the source to USB to play music from a USB disk drive.