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1. Solution

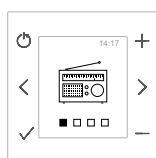
EFAPEL's **jazz+** audio system is available in **two versions**.

The **Centralised Installation** version, using a central unit and 12 V \equiv power supply.

The **Non-Centralised Installation** version using Sound Control Units powered directly from the 230 V \sim mains.

SOLO (230 V \sim Installation)

No central unit, allowing total independence between all the control units, each ...

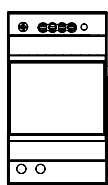


Control Unit

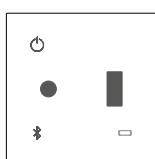


ORQUESTRA - (12 V \equiv Installation)

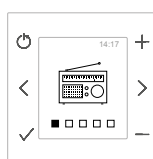
A central unit that provides external inputs, allowing the same audio source to broadcast in all the rooms.



Power Supply



Central Unit



Control Unit



Road Map

OFF

The diagram illustrates the internal architecture of a radio receiver system, organized into three primary functional blocks: Radio FM, Bluetooth, and Central Unit.

Radio FM Section

- Input/Control:** Features a large 'EFAPEL' logo with a checkmark and navigation buttons (left, right, plus, minus).
- FM Tuning Interface:** A control panel with a digital display showing '14:17' and frequency '102.20 MHz'. It includes a power button, a checkmark, and a minus sign.
- Antenna & Signal Processing:** Includes an 'ANTENNA 3' section with a frequency display of '106.20 MHz' and a signal strength indicator (a bar graph).
- Audio Controls:** Features 'BASS' and 'TREBLE' sliders, each with a digital display showing '0' and a checkmark.

Bluetooth Section

- Bluetooth Interface:** A control panel with a digital display showing '14:18' and a Bluetooth symbol. It includes a power button, a checkmark, and a minus sign.
- Track Information:** A section displaying 'EFAPEL_xxxxxx' and 'Track Name' with a play/pause button and a checkmark.
- Audio Controls:** Features 'BASS' and 'TREBLE' sliders, each with a digital display showing '0' and a checkmark.


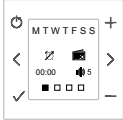
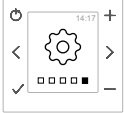

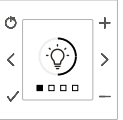
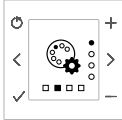

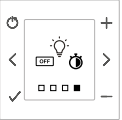
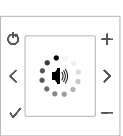

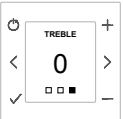
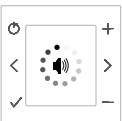
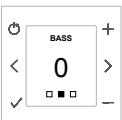



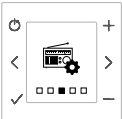
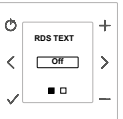
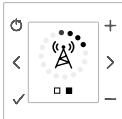
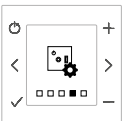

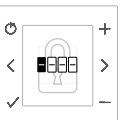
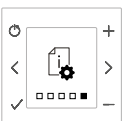
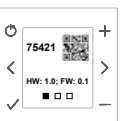

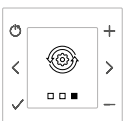
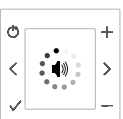
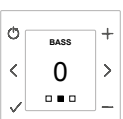
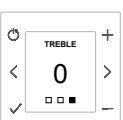

Central Unit Section

- FM Tuning Interface:** A control panel with a digital display showing '14:18' and frequency '102.20 MHz'. It includes a power button, a checkmark, and a minus sign.
- Antenna & Signal Processing:** Includes an 'ANTENNA 3' section with a frequency display of '106.20 MHz' and a signal strength indicator (a bar graph).
- Audio Controls:** Features 'BASS' and 'TREBLE' sliders, each with a digital display showing '0' and a checkmark.
- Track Information:** A section displaying 'EFAPEL_xxxxxx' and 'Track Name' with a play/pause button and a checkmark.
- Power Control:** A section with a power button and the text 'Switch off' and a checkmark.

The diagram uses various symbols and icons to represent different components and functions, such as power buttons, checkmarks, minus signs, and specific icons for antenna, signal strength, and audio controls.

Alarm Clock

Settings

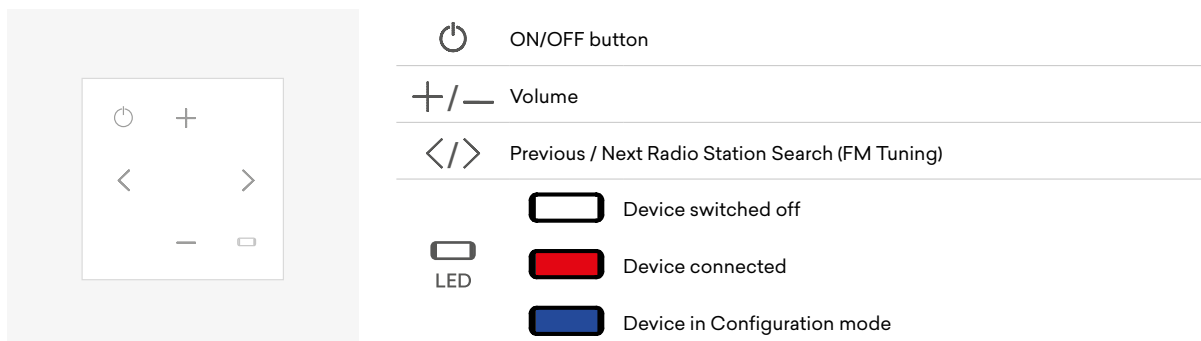
		 	     
  	  	    	      
  			

2. SOLO - 230 V ~ Installation

Sound Control Unit 230 V ~ with FM Radio

Functionalities obtained by mounting the Touch Cover Plate (xx854 Txx) on the Mec21 Mechanism (75200) or MecQ45 Semi-assembled Mechanism (75400 Sxx)

This control unit allows you to play the tuned radio station.



Note: Other functionalities of the central unit are available in the audio controls.

→ ON / OFF

To switch the control unit on and off, press “⏻”.

→ FM Radio

With the control unit on, you can play a tuned radio station.

To search for a radio station, press “<” or “>”.

- Station Tuning

Pressing “<” or “>” will start a new station search, with a short press starting automatic tuning and a long press starting fine tuning.

Note: During tuning, the LED flashes red / blue until tuning is complete.

· Automatic Tuning

Tuning stops automatically when the next station is reached.

· Manual Tuning / Fine Tuning

Tuning moves the frequency forward or backwards step by step.

→ Configuration

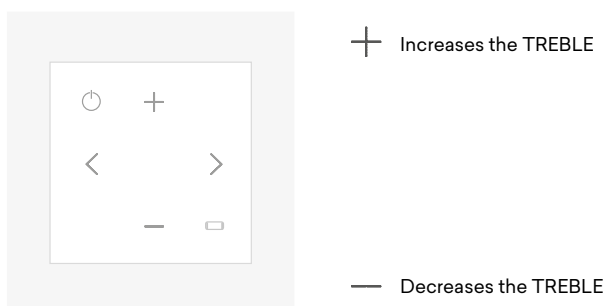
In this function you can configure the **BASS** and **TREBLE**.

To enter this function, press the symbols “+” or “-” until the LED turns blue.

BASS adjustment



TREBLE adjustment

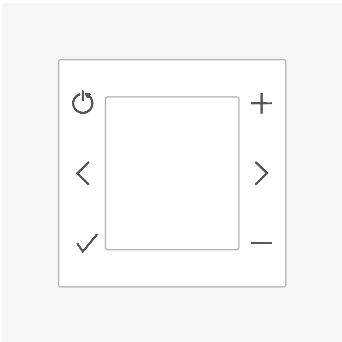


Note: To return to normal mode, wait 10 seconds (LED will turn Red again)

Sound Control Unit 230 V ~ with FM Radio and Bluetooth

Functionalities obtained by mounting the Central Unit with Display Cover Plate (xx855 Txx) on the Mec21 Mechanism (75221) or MecQ45 Semi-assembled Mechanism (75421 Sxx)

This control unit allows you to play the tuned radio station on a paired Bluetooth device or with the sound coming from one of the central unit inputs.



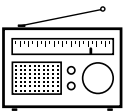
	ON/OFF and back button
	Turns Up the Volume / Settings
	Turns Down the Volume / Settings
	Next radio station, track and browse menus
	Previous radio station, track and browse menus
	Confirm menu and Bluetooth pairing

→ ON / OFF

To switch the Control Unit on and off, press “”.

When the control unit is switched on, you can select the desired function.

Radio FM



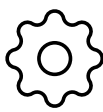
Bluetooth



Alarm Clock



Settings



→ FM Radio

The **FM Radio** function allows you to play a tuned FM Radio Station.

To select the **FM Radio** function, press “<” and “>” until the “” symbol appears on the display, then press “”.



14:17	Time
ANTENA 3	Tuned Station Name Display (RDS)
The Alternative	Text Information (RDS)
102.20 MHz	Frequency of the tuned FM Radio Station

Operation in FM Radio mode



	Short press - Back Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Station tuning: Short press - Searches for the next available radio frequency Long press - Fine tuning the radio frequency (Increase)
	Station tuning: Short press - Searches for the previous available radio frequency Long press - Fine tuning the radio frequency (Decrease)

- Station Tuning

Press “<” or “>” to tune in to a new FM Radio Station.

· Automatic Tuning

Automatic search for an FM Radio Station with a good broadcast signal (Depending on the sensitivity level set in FM Radio Tuning Sensitivity on page 15).

· Manual Tuning / Fine Tuning

Manual search for the desired frequency, with frequency going forwards and backwards in steps of 0.05 MHz.

- Volume Control

Press “+” or “-” to adjust the Volume level.

In the Volume Control menu you can adjust the Volume, BASS and TREBLE.

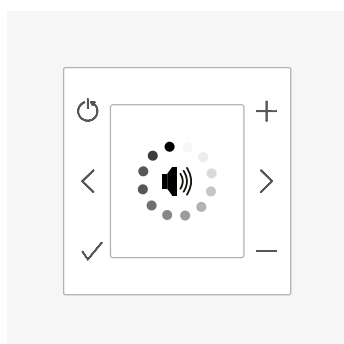


In the Volume Control menu, press “<” or “>” to access the BASS and TREBLE menus.

To exit, simply wait for it to automatically return to the previous function or press “⏻”.

· Volume

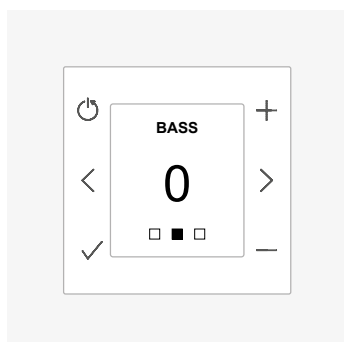
In the Volume menu you can adjust the volume between Level 0 (No Sound) and Level 15 (Max).



⏻	Short press - Back Long press - Switches the device off
+	Turns Up the Volume
-	Turns Down the Volume
>	Next setting (BASS)
<	Previous setting (TREBLE)
✓	Back / Confirm

· BASS

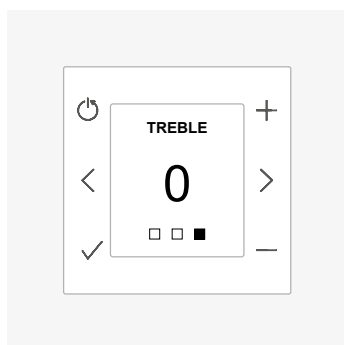
In the BASS menu you can adjust the level between -5 and +5 (Factory Setting 0).



⏻	Short press - Back Long press - Switches the device off
+	Increases the BASS
-	Decreases the BASS
>	Next setting (TREBLE)
<	Previous setting (Volume)
✓	Back / Confirm

· TREBLE

In the TREBLE menu you can adjust the level between -5 and +5 (Factory Setting 0).

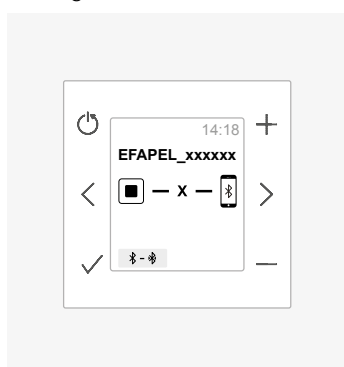


- Short press** - Back
Long press - Switches the device off
- Increases the TREBLE
- Decreases the TREBLE
- Next setting (Volume)
- Previous setting (BASS)
- Back / Confirm

→ Bluetooth

· Pairing

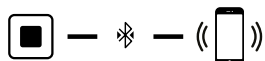
Pairing with the **Central Unit's Bluetooth Input**



- Short press** - Back to previous menu
Long press - Switches the device off
- Turns Up the Volume
- Turns Down the Volume
-
-
- Bluetooth pairing



If no paired device, press "✓"

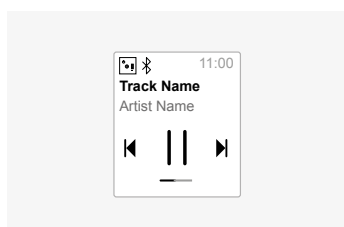


Device available for pairing, Search for EFAPEL _XXXXX on the device to be paired



Device successfully paired (the name of the paired device appears on the display)

· Music File Control



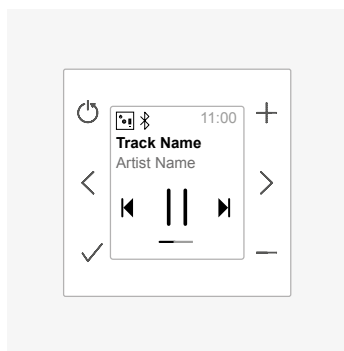
10:56 **Function - Input / Time**

Track Playing Name

Artist Name

Playback button

Central Unit function operation - Bluetooth Input



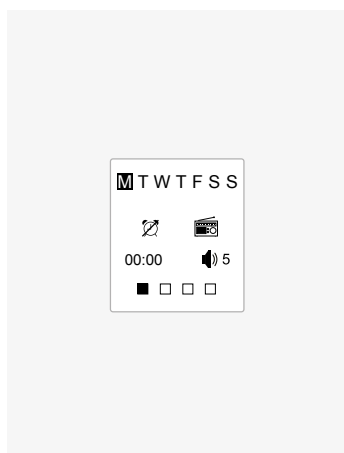
See Volume Control on page 10.

	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Next track
	Previous track
	Short press - Play / Pause Long press - Bluetooth pairing

→ Alarm Clock

On the **Alarm Clock** function, you can set the days of the week, the time at which the device will wake up and which audio source to use, as well as the volume of the alarm clock.

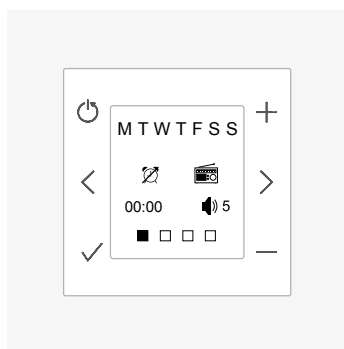
In this menu you can set up to 4 programmes.



	Days of the week: " " - Selected " " - Not Selected
	" " - Active " " - Not Active
	Audio source when you wake up: " " - Radio " " - Local Bluetooth " " - Central Unit - USB " " - Central Unit - Bluetooth " " - Central Unit - 3.5mm Jack
	Defined volume
	Scheduled time for action
	Memories (4 programmable settings)

Note: When a programme has been set, the " " symbol appears on the display.

Setting the Alarm Clock

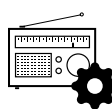


	Short press - Back Long press - Switches the device off
	Increases / Changes Field Value
	Decreases / Changes Field Value
	Next field
	Previous field
	Back / Confirm

→ **Settings**

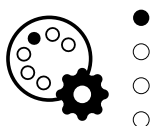
In the **Settings** menu you can configure and customize how the device operates.

To select the **Settings** menu, press “<” or “>” until the “⚙️” symbol appears on the display, then press “✓”.

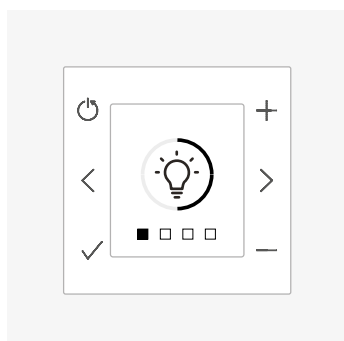
Display Settings**Date and Time Settings****Radio Settings****Information**- **Display Settings**

In the **Display Settings** menu you can configure the **Brightness**, **Colour Scheme**, **Language** and **Screen Timing**.

To select the **Display Settings** menu, press “<” or “>” until the “⚙️” symbol appears on the display, then press “✓”.

Brightness**Colour Scheme****Language****Screen Timing**· **Brightness**

In the **Brightness** menu you can adjust the brightness between Level 1 and Level 4.



- ⏻ **Short press** - Back
Long press - Switches the device off

- ⊕ Increases display Brightness

- ⊖ Decreases display Brightness

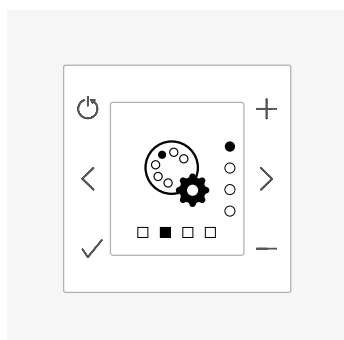
- > Next setting (Colour Scheme)

- < Previous setting (Screen Timing)

- ✓ Back / Confirm

· **Colour Scheme**

In the **Colour Scheme** menu you can choose 1 of the 4 colour schemes available.



- ⏻ **Short press** - Back
Long press - Switches the device off

- ⊕ Previous Colour Scheme

- ⊖ Next Colour Scheme

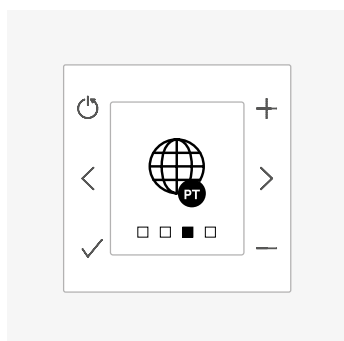
- > Next setting (Language)


- < Previous setting (Brightness)


- ✓ Back / Confirm


· Language


In the **Language** menu you can choose the device language (PT, ES, FR, EN).





-  **Short press** - Back
Long press - Switches the device off

-  Previous Language

-  Next Language

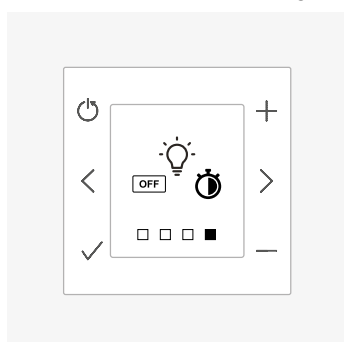
-  Next Setting (Screen Timing)


-  Previous Setting (Colour Scheme)


-  Back / Confirm


· Screen Timing


The **Screen Timing** menu allows you to set the screen timer (OFF, 15, 30, 45, 60 seconds).




-  **Short press** - Back
Long press - Switches the device off

-  Increases Timing

-  Decreases Timing

-  Next setting (Brightness)

-  Previous setting (Language)

-  Back / Confirm

- Date and Time Settings

In the **Date and Time Settings** menu you can set the Date and Time, Time Format and Time Change.


To select the **Date and Time Settings** menu, press “<” or “>” until the “🕒” symbol appears on the display, then press “✓”.

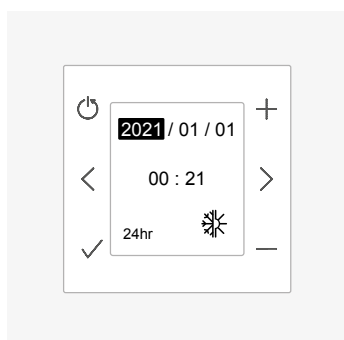



- 2021 / 01 / 01** Date


- 00 : 21 Time


- 24hr Time format: 12hr / 24hr


-  Automatic time change: “🌞” - Auto
“🌑” - OFF





-  **Short press** - Back
Long press - Switches the device off

-  Increases / Changes Field Value

-  Decreases / Changes Field Value

-  Navigate between fields - Next field

-  Navigate between fields - Previous field

-  Back / Confirm

- Radio settings

In the Radio Settings menu you can activate the RDS Text Information and adjust the Tuning Sensitivity.

To select the Radio Settings menu, press “<” or “>” until the “📻⚙️” symbol appears on the display, then press “✓”.

RDS text

RDS TEXT

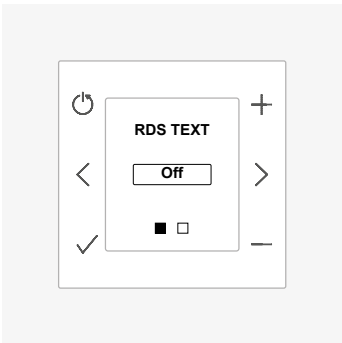
Off

FM Radio Tuning Sensitivity



· RDS text

The RDS Text menu enables you to switch RDS Text on and off.



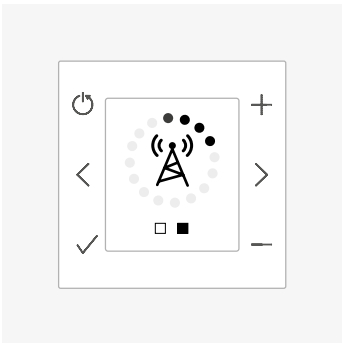
	Short press - Back Long press - Switches the device off
	Switches ON / OFF
	Switches ON / OFF
	Navigate between fields
	Navigate between fields
	Back / Confirm

· FM Radio Tuning Sensitivity

The FM Radio Tuning Sensitivity menu you can adjust the Tuning Sensitivity.

This value sets the stopping sensitivity during scanning. If the sensitivity is too low, it will only stop at stations with a strong signal, or if it is too high, it will also stop at stations where the signal is weak.


It uses values from 1 to 16, with the factory setting at 8.



	Short press - Back Long press - Switches the device off
	Increases Tuning Sensitivity
	Decreases Tuning Sensitivity
	Navigate between fields
	Navigate between fields
	Back / Confirm

- Information

In the **Information** menu, you can read information about the device and factory reset values.

To select the **Information** menu, press “<” or “>” until the “” symbol appears on the display, then press “✓”.

Device Information



EFAPEL Information

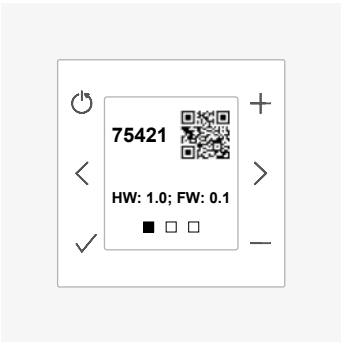








Factory Reset



· Device Information

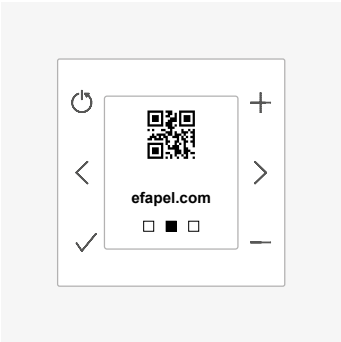
Displays the device’s hardware and firmware version.









	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (EFAPEL Information)
	
	

· EFAPEL Information

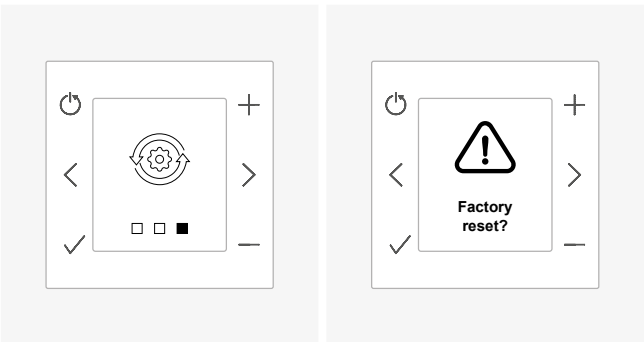
Presents EFAPEL Information.









	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (Factory Reset)
	Navigate between fields (Device Information)
	

· Factory Reset

Presents Factory Reset / RESET the device.



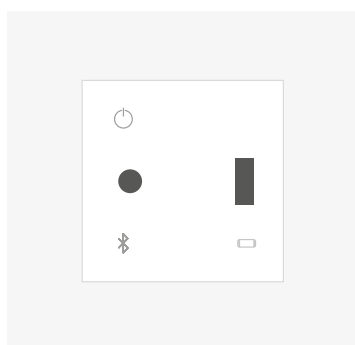
	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (EFAPEL Information)
	
	Confirm

3. ORQUESTRA - 12 V \Rightarrow Installation

Central Unit 12 V \Rightarrow with USB + Bluetooth + 3.5 mm Jack

Functionalities obtained by mounting the Central Unit Cover Plate (xx856 Txx) on the Mec21 Mechanism (75211) or MecQ45 Semi-assembled Mechanism (75411 Sxx).

Used for inputting and distributing signals from an external source such as **3.5 mm Jack**, **USB** or **Bluetooth**.



ON/OFF button and input selection button



Bluetooth pairing button



LED



Device switched off



Device in USB input mode



Device in Bluetooth input mode




Device in 3.5 mm Jack input mode

Note: Other functionalities of the central unit are available in the audio controls.

→ ON / OFF

To switch the **Central Unit** on and off, press “”.


→ USB Input

To select **USB** input mode, press “” until the red LED appears.

Note: Only the following audio formats can be played: FAT32 MP3.

→ Bluetooth Input

To select **Bluetooth** input mode, press “” until the blue LED appears.

To pair a device to the central unit, select **Bluetooth** mode (blue LED on), press and hold “” for 3 seconds to pair. The blue LED flashes until a successful pairing has been made, after which the LED stays blue.

Note: Bluetooth version: V 5.0

→ 3.5 mm Jack Input

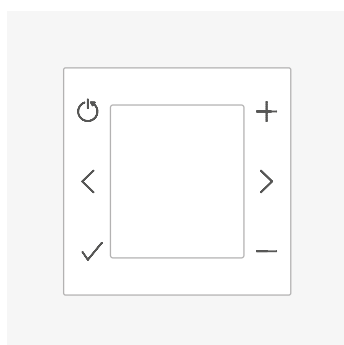
To select the **3.5 mm Jack** input mode, press “” until the two-colour LED (Blue/Red) appears.

Note: This input is prepared for pre-amplified inputs, there may be a slight difference in the sound volume coming from this input when compared to the FM radio input.

Sound Control Unit 12 V == with FM Radio

Functionalities obtained by mounting the Central Unit with Display Cover Plate (xx855 Txx) on the Mec21 Mechanism (75220) or MecQ45 Semi-assembled Mechanism (75420 Sxx).

This control unit enables you to play the tuned FM Radio Station or with the sound coming from one of the central unit inputs.



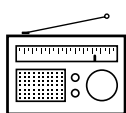
	ON/OFF and back button
	Turns Up the Volume / Settings
	Turns Down the Volume / Settings
	Next radio station, track and browse menus
	Previous radio station, track and browse menus
	Confirm menu / Play&Pause and Bluetooth pairing

→ ON / OFF

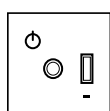
To switch the **Control Unit** on and off, press “”.

When the control unit is switched on, you can select the desired function.

Radio FM



Central Unit



Alarm clock



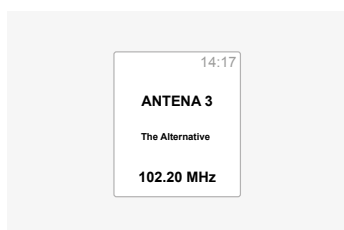
Settings



→ FM Radio

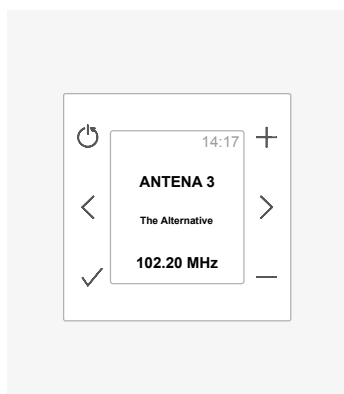
The **FM Radio** function allows you to play a tuned **FM Radio Station**.

To select the **FM Radio** function, press “<” or “>” to scroll through the menus until the “” symbol appears on the display, then press “✓”.



14:17	Time
ANTENA 3	Tuned Station Name Display (RDS)
The Alternative	Text Information (RDS)
102.20 MHz	Frequency of the tuned FM radio station

Operation in **FM Radio** mode



	Short press - Back Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Station tuning: Short press - Searches for the previous available radio frequency Long press - Fine tuning the radio frequency (Increase)
	Station tuning: Short press - Searches for the next available radio frequency Long press - Fine tuning the radio frequency (Decrease)

- Station Tuning

Press “<” or “>” to tune in to a new FM Radio Station.

· Automatic Tuning

Automatic search for an FM Radio Station with a good broadcast signal (Depending on the sensitivity level set in FM Radio Tuning Sensitivity on page 25).

· Manual Tuning / Fine Tuning

Manual search for the desired frequency, with frequency going forwards and backwards in steps of 0.05 MHz.

- Volume Control

Press “+” or “-” to adjust the Volume level.

In the Volume Control menu you can adjust the Volume, BASS and TREBLE.



In the Volume Control menu, press “<” or “>” to access the BASS and TREBLE menus.

To exit, simply wait for it to automatically return to the previous function or press “⏻”.

· Volume

In the Volume menu you can adjust the volume between Level 0 (No Sound) and Level 15 (Max).

	Short press - Back Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Next setting (BASS)
	Previous setting (TREBLE)
	Back / Confirm

· BASS







In the BASS menu you can adjust the level between -5 and +5 (Factory Setting 0).

	Short press - Back Long press - Switches the device off
	Increases the BASS
	Decreases the BASS
	Next setting (TREBLE)
	Previous setting (Volume)
	Back / Confirm

· TREBLE


In the TREBLE menu you can adjust the level between -5 and +5 (Factory Setting 0).



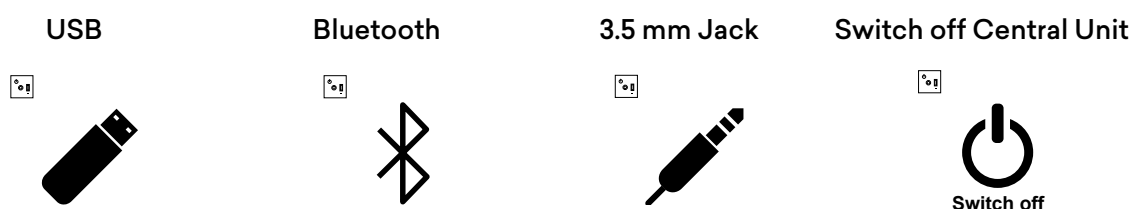
	Short press - Back Long press - Switches the device off
	Increases the TREBLE
	Decreases the TREBLE
	Next setting (Volume)
	Previous setting (BASS)
	Back / Confirm

→ Central Unit

The **Central Unit** function allows you to select one of the audio sources connected to the Central Unit (USB, Bluetooth or 3.5 mm Jack).

To select the **Central Unit** function, press “<” or “>” until the “” symbol appears on the display, then press “✓”.



In the **Central Unit** function, you can select which central unit input you want to play.

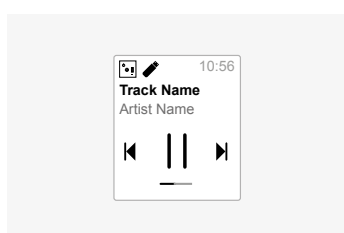


- Central Unit function - USB Input

The **Central Unit - USB Input** function allows you to play the music stored on your USB device.

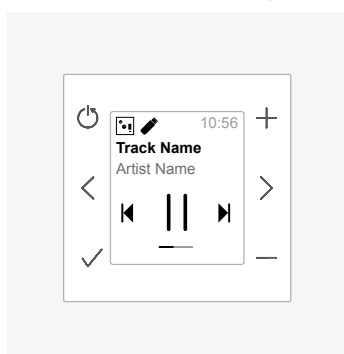
Note: Only the following formats are playable: FAT32, MP3.







To select the **Central Unit - USB Input** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.



 	10:56 Function - Input / Time
	Track Playing Name
	Artist Name
	Playback button

Central Unit function operation - USB Input




	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Track selection: Short press - Next folder Long press - Next track
	Track selection: Short press - Previous folder Long press - Previous track
	Play / Pause

See Volume Control on page 19.

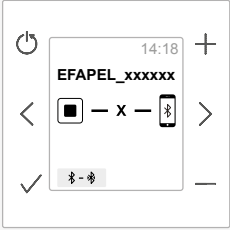
- Central Unit function - Bluetooth Input







The **Central Unit - Bluetooth Input** function allows you to play the sound coming from the device paired to the Central Unit.




To select the **Central Unit - Bluetooth Input** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.

· Pairing




Pairing with the **Central Unit's Bluetooth Input**






	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	
	
	Bluetooth pairing



If no paired device, press “✓”

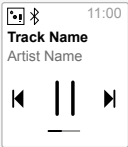




Device available for pairing, Search for EFAPEL _XXXXX on the device to be paired



Device successfully paired (the name of the paired device appears on the display)

· Music File Control



	10:56 Function - Input / Time
	Track Playing Name
	Artist Name
	Playback button

Central Unit function operation - Bluetooth Input





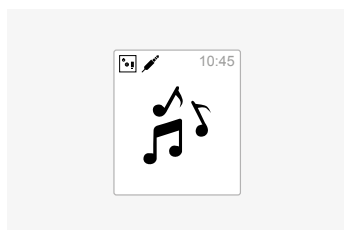
	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Next track
	Previous track
	Short press - Play / Pause Long press - Bluetooth pairing

See Volume Control on page 19.

- Central Unit function - 3.5 mm Jack Input

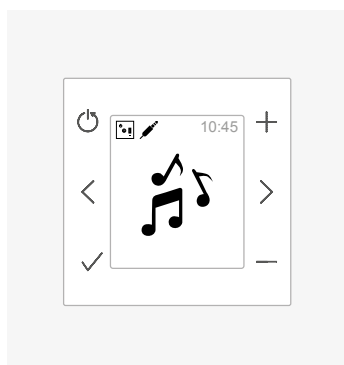
The **Central Unit - 3.5 mm Jack Input** function allows you to play the sound injected into the central unit.


To select the **Central Unit - 3.5 mm Jack Input** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.



  10:56 Function - Input / Time

Operation in **Central Unit** mode - 3.5 mm Jack Input



 **Short press** - Back to previous menu
Long press - Switches the device off

 Turns Up the Volume

 Turns Down the Volume





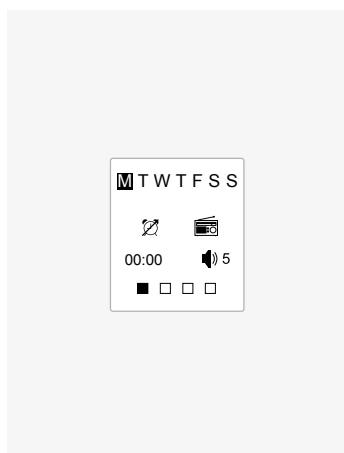











See Volume Control on page 19.




→ Alarm Clock









On the **Alarm Clock** function, you can set the days of the week, the time at which the device will wake up and which audio source to use, as well as the volume of the alarm clock.

In this menu you can set up to 4 programmes.







       Days of the week: “” - Selected
“” - Not Selected


 “” - Active
“” - Not Active

Audio source when you wake up: “” - Radio
“” - Local Bluetooth
“ ” - Central Unit - USB
“ ” - Central Unit - Bluetooth
“ ” - Central Unit - 3.5 mm Jack

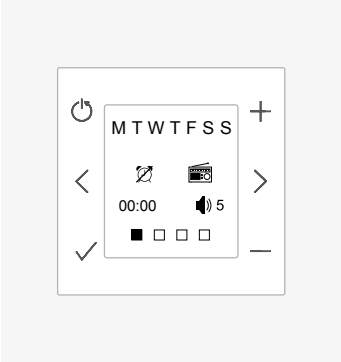
 5 Defined volume

00:00 Scheduled time for action

    Memories (4 programmable settings)

Note: When a programme has been set, the “” symbol appears on the display.

Setting the **Alarm Clock**



	Short press - Back Long press - Switches the device off
	Increases / Changes Field Value
	Decreases / Changes Field Value
	Next field
	Previous field
	Back / Confirm

→ **Radio**

In the **Settings** menu you can configure and customize how the device operates.

To select the **Settings** menu, press “<” or “>” until the “⚙️” symbol appears on the display, then press “✓”.

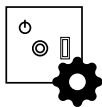
Date and Time Settings



Radio Settings



Central Unit Settings



Information



- **Display settings**

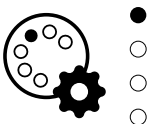
In the **Display Settings** menu you can configure the **Brightness**, **Colour Scheme**, **Language** and **Screen Timing**.

To select the **Display Settings** menu, press “<” and “>” until the “🔊” symbol appears on the display, then press “✓”.

Brightness



Colour Scheme



Language

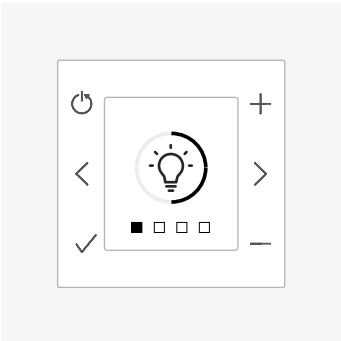


Screen Timing



· **Brightness**

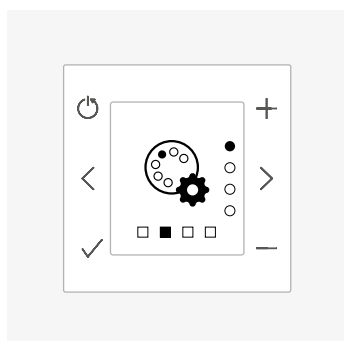
In the **Brightness** menu you can adjust the brightness between Level 1 and Level 4.





	Short press - Back Long press - Switches the device off
	Increases display Brightness
	Decreases display Brightness
	Next setting (Colour Scheme)
	Previous setting (Screen Timing)
	Back / Confirm


· Colour Scheme


In the Colour Scheme menu you can choose 1 of the 4 colour schemes available.





-  **Short press** - Back
Long press - Switches the device off

-  Previous colour scheme

-  Next colour scheme

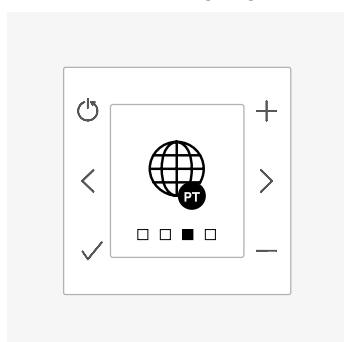
-  Next setting (Language)


-  Previous setting (Brightness)


-  Back / Confirm


· Language


In the Language menu you can choose the device language (PT, ES, FR, EN).





-  **Short press** - Back
Long press - Switches the device off

-  Previous language

-  Next language

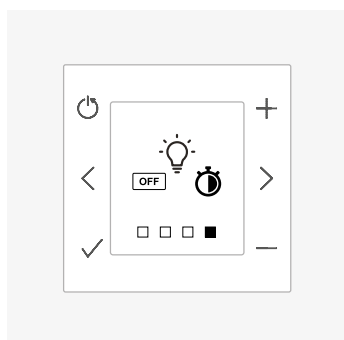
-  Next setting (Screen Timing)


-  Previous setting (Colour Scheme)

-  Back / Confirm

· Screen Timing


The Screen Timing menu allows you to set the screen timer (OFF, 15, 30, 45, 60 seconds).





-  **Short press** - Back
Long press - Switches the device off

-  Increases Timing

-  Decreases Timing

-  Next setting (Brightness)

-  Previous setting (Language)

-  Back / Confirm

- Date and time settings

In the Date and Time Settings menu you can set the Date and Time, Time Format and Time Change.

To select the Date and Time Settings menu, press “<” or “>” until the “⌚” symbol appears on the display, then press “✓”.

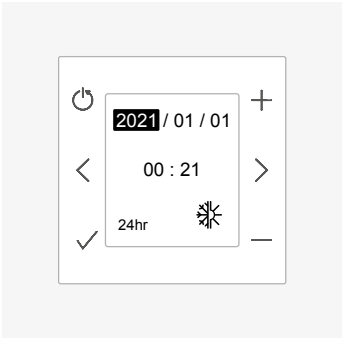


2021 / 01 / 01 Date

00 : 21 Time

24hr Time format: 12hr / 24hr

Automatic time change: “☀️” - Auto
“🌙” - OFF



	Short press - Back Long press - Switches the device off
	Increases / Changes Field Value
	Decreases / Changes Field Value
	Navigate between fields - Next field
	Navigate between fields - Previous field
	Back / Confirm

- Radio settings

In the **Radio Settings** menu you can activate the **RDS Text** Information and adjust the **Tuning Sensitivity**.

To select the **Radio Settings** menu, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.

RDS text

FM Radio Tuning Sensitivity

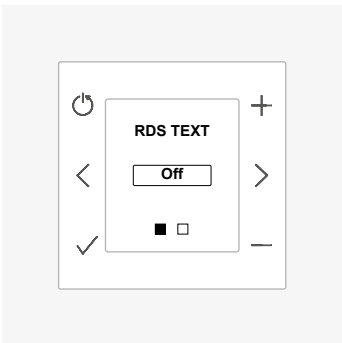
RDS TEXT



Off

· RDS text

In the **RDS Text** menu Enables you to switch RDS Text on and off.



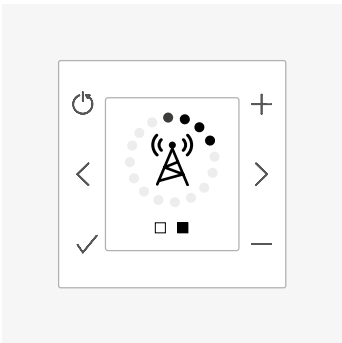
	Short press - Back Long press - Switches the device off
	Switches ON / OFF
	Switches ON / OFF
	Navigate between fields
	Navigate between fields
	Back / Confirm

· FM Radio Tuning Sensitivity

In the **FM Radio Tuning Sensitivity** menu you can adjust the Tuning Sensitivity.

This value sets the stopping sensitivity during scanning. If the sensitivity is too low, it will only stop at stations with a strong signal, or if it is too high, it will also stop at stations where the signal is weak (stations with a lot of noise).

It uses values from 1 to 16, with the factory setting at 8.



	Short press - Back Long press - Switches the device off
	Increases Tuning Sensitivity
	Decreases Tuning Sensitivity
	Navigate between fields
	Navigate between fields
	Back / Confirm

- Central Unit Settings

In the **Central Unit Settings** menu you can **Block** or **Unblock** access to the Central Unit via the Sound Control Unit.

To select the **Central Unit Settings** menu, press “<” or “>” until the “🔒” symbol appears on the display, then press “✓”.

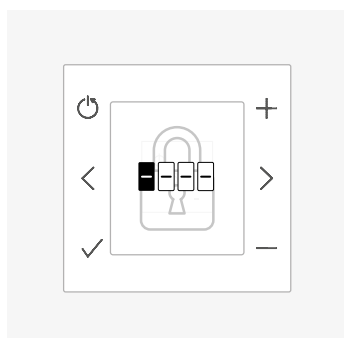
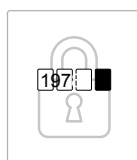
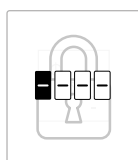
· Lock / Unlock Central Unit



⏻ Short press - Back
Long press - Switches the device off



Lock / Unlock (Long press)



⏻ Code: 1978



Increases digit (0, 1, 2..., 9)



Decreases digit (9, 8, ..., 0)



Next field



Previous field



Confirm

- Information

In the **Information** menu, you can read information about the device and factory reset values.

To select the **Information** menu, press “<” or “>” until the “ℹ️” symbol appears on the display, then press “✓”.

Device Information

75421



HW: 1.0; FW: 0.1

EFAPEL Information



efapel.com

Factory Reset



· **Device Information**

Presents displays the device's hardware and firmware version.

Short press - Back
Long press - Switches the device off

Navigate between fields (EFAPEL Information)

- **EFAPEL Information**

Presents EFAPEL information.

Short press - Back
Long press - Switches the device off

Navigate between fields (Factory Reset)

Navigate between fields (Device information)

· **Factory Reset**

Presents Factory Reset / RESET the device.

Short press - Back
Long press - Switches the device off

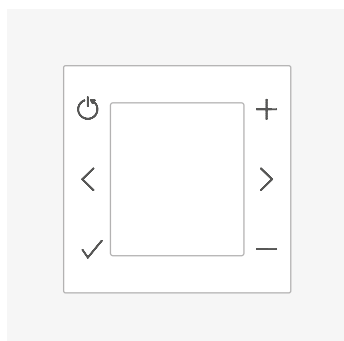
Navigate between fields (EFAPEL Information)

Confirm

Sound Control Unit 12 V ≡ with FM Radio and Bluetooth

Functionalities obtained by mounting the Central Unit with Display Cover Plate (xx855 Txx) on the Mec21 Mechanism (75221) or MecQ45 Semi-assembled Mechanism (75421 Sxx)

This control unit enables you to play the tuned radio station on a paired Bluetooth device or with the sound coming from one of the central unit inputs.

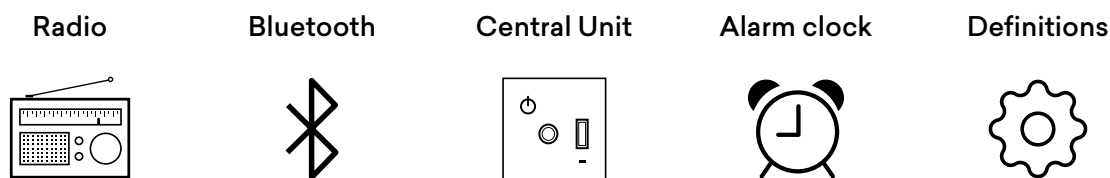


	ON/OFF and back button
	Turns Up the Volume / Settings
	Turns Down the Volume / Settings
	Next radio station, track and browse menus
	Previous radio station, track and browse menus
	Confirm menu and Bluetooth pairing

→ ON / OFF

To switch the control unit on and off, press “”.

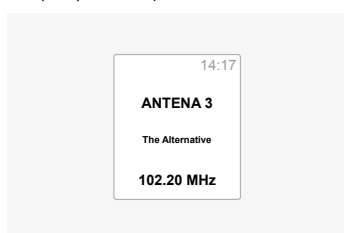
When the control unit is switched on, you can select the desired function.



→ FM Radio

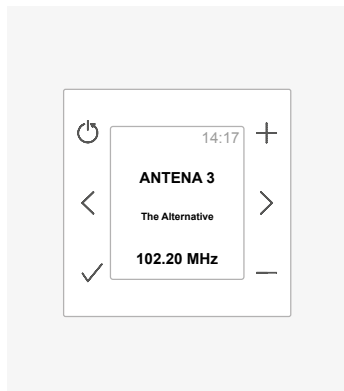
The **FM Radio** function allows you to play a tuned FM Radio Station.

To select the **FM Radio** function, press “<” or “>” to scroll through the menus until the “” symbol appears on the display, then press “”.



14:17	Time
ANTENA 3	Tuned Station Name Display (RDS)
The Alternative	Text Information (RDS)
102.20 MHz	Frequency of the tuned FM radio station

Operation in **FM Radio** mode



	Short press - Back Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Station tuning: Short press - Searches for the next available radio frequency Long press - Fine tuning the radio frequency (Increase)
	Station tuning: Short press - Searches for the previous available radio frequency Long press - Fine tuning the radio frequency (Decrease)

- Station Tuning

Press “<” or “>” to tune in to a new FM Radio Station.

· Automatic Tuning

Automatic search for an FM Radio Station with a good broadcast signal (Depending on the sensitivity level set in FM Radio Tuning Sensitivity on page 37).

· Manual Tuning / Fine Tuning

Manual search for the desired frequency, with frequency going forwards and backwards in steps of 0.05 MHz.

- Volume Control

Press “+” or “-” to adjust the Volume level.

In the Volume Control menu you can adjust the Volume, BASS and TREBLE.

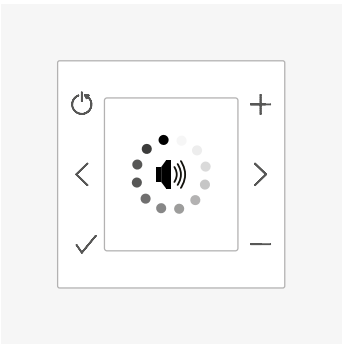


In the Volume Control menu, press “<” or “>” to access the BASS and TREBLE menus.

To exit, simply wait for it to automatically return to the previous function or press “⏻”.

· Volume

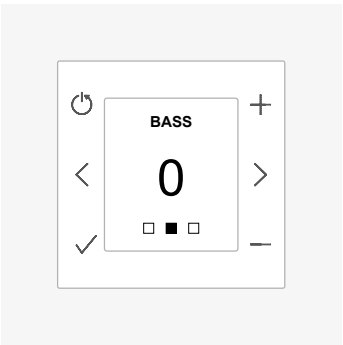
In the Volume menu you can adjust the volume between Level 0 (No Sound) and Level 15 (Max).



⏻	Short press - Back Long press - Switches the device off
+	Turns Up the Volume
-	Turns Down the Volume
>	Next setting (BASS)
<	Previous setting (TREBLE)
✓	Back / Confirm

· BASS

In the BASS menu you can adjust the level between -5 and +5 (Factory Setting 0).





⏻	Short press - Back Long press - Switches the device off
+	Increases the BASS
-	Decreases the BASS
>	Next setting (TREBLE)
<	Previous setting (Volume)
✓	Back / Confirm


· TREBLE


In the TREBLE menu you can adjust the level between -5 and +5 (Factory Setting 0).





-  **Short press** - Back
Long press - Switches the device off

-  Increases the TREBLE

-  Decreases the BASS

-  Next setting (Volume)

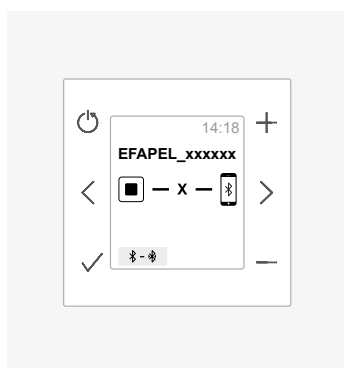
-  Previous setting(BASS)


-  Back / Confirm


→ Bluetooth


- Pairing


Pairing with the **Central Unit's Bluetooth Input**





-  **Short press** - Back to previous menu
Long press - Switches the device off

-  Turns Up the Volume

-  Turns Down the Volume

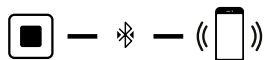
- 

- 

-  Bluetooth pairing



If no paired device, press "✓"

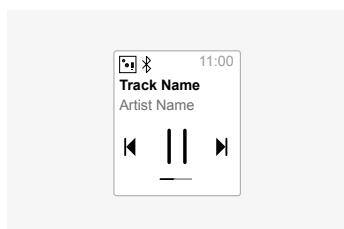



Device available for pairing, Search for EFAPEL _XXXXX on the device to be paired



Device successfully paired (the name of the paired device appears on the display)

- Music File Control



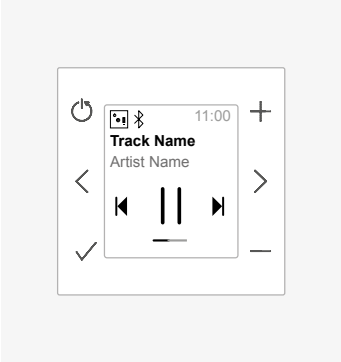
 10:56 Function - Input / Time

Track Playing Name

Artist Name

 Playback button

Central Unit function - Bluetooth Input



See Volume Control on page 29.

	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Next track
	Previous track
	Short press - Play / Pause Long press - Bluetooth pairing

→ Central Unit

The **Central Unit** function allows you to select one of the audio sources connected to the central unit (USB, Bluetooth or 3.5 mm Jack).

To select the **Central Unit** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.
In the **Central Unit** function, you can select which **Central Unit** input you want to play.

USB

Bluetooth

3.5 mm Jack

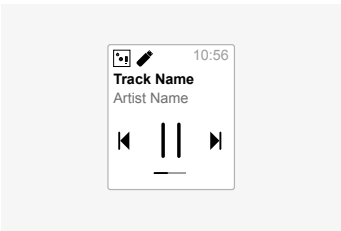
Switch off Central Unit

Switch off

- Central Unit function - USB Input

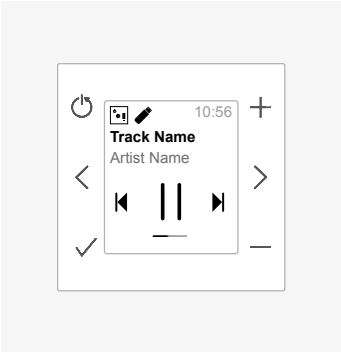
The **Central Unit - USB Input** function allows you to play the music stored on your USB device.
Note: Only the following formats are playable: **FAT32, MP3**.

To select the **Central Unit - USB Input** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.



	10:56 Function - Input / Time
	Track Playing Name
	Artist Name
	Playback button

Central Unit function operation - USB Input




See Volume Control on page 29.

	Short press - Back to previous menu Long press - Switches the device off
	Turns Up the Volume
	Turns Down the Volume
	Track selection: Short press - Next folder Long press - Next track
	Track selection: Short press - Previous folder Long press - Previous track
	Play / Pause

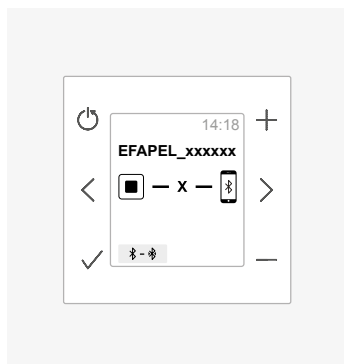
- Central Unit function- Bluetooth Input


The **Central Unit - Bluetooth Input** function allows you to play the sound coming from the device paired to the Central Unit.

To select the **Central Unit - Bluetooth Input** function, press “<” or “>” until the “ ” symbol appears on the display, then press “✓”.

· Pairing

Pairing with the **Central Unit's Bluetooth Input**



 **Short press** - Back to previous menu
Long press - Switches the device off

 Turns Up the Volume

 Turns Down the Volume

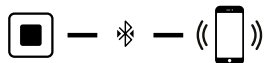




 Bluetooth pairing



If no paired device, press “✓”

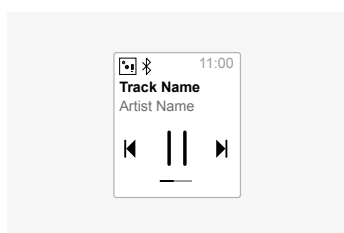


Device available for pairing, Search for EFAPEL _XXXXX on the device to be paired



Device successfully paired (the name of the paired device appears on the display)

· Music File Control



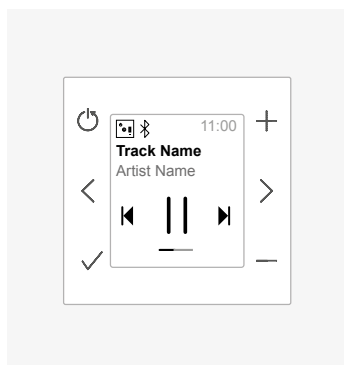
 10:56 Function - Input / Time


Track Playing Name

Artist Name

 Playback button

Central Unit function operation - Bluetooth Input



 **Short press** - Back to previous menu
Long press - Switches the device off

 Turns Up the Volume

 Turns Down the Volume



Next track





Previous track

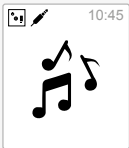
 **Short press** - Play / Pause
Long press - Bluetooth pairing

See Volume Control on page 29.

- Central Unit function - 3.5 mm Jack Input


The **Central Unit - 3.5 mm Jack Input** function allows you to play the sound injected into the central unit.


To select the **Central Unit - 3.5 mm Jack input** function, press “<” or “>” until the “  ” symbol appears on the display, then press “✓”.




10:56 Function - Input / Time

Central Unit function operation - 3.5 mm Jack input







Short press - Back to previous menu
Long press - Switches the device off





Turns Up the Volume



Turns Down the Volume



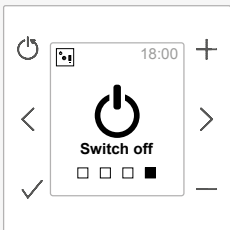





See Volume Control on page 29.


- Switch off Central Unit


The **Switch off Central Unit** menu allows you to switch off the central unit remotely.








Short press - Back to previous menu
Long press - Switches the device off











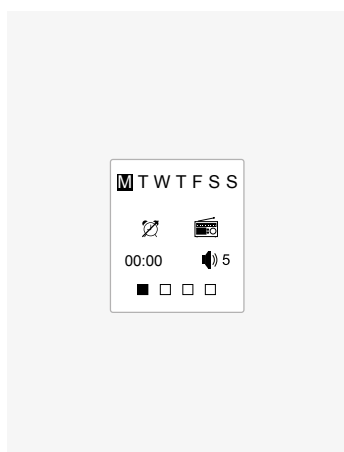
Confirm Switch off Central Unit



Note: To switch on the central unit remotely if it is switched off, simply select one of the inputs on the central unit and it will switch on automatically.

→ Alarm clock



On the **Alarm Clock** function, you can set the days of the week, the time at which the device will wake up and which audio source to use, as well as the volume of the alarm clock.

In this menu you can set up to 4 programmes.





 MTWTFSS Days of the week: " " - Selected
"T" - Not Selected





" " - Active
" " - Not Active




Audio source when you wake up: " " - Radio

" " - Local Bluetooth

" " - Central Unit - USB

" " - Central Unit - Bluetooth

" " - Central Unit - 3.5mm Jack




Defined volume

00:00

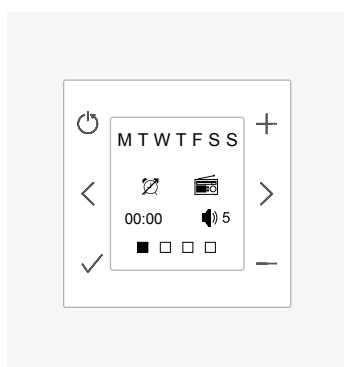
Scheduled time for action



Memories (4 programmable settings)

Note: When a programme has been set, the " " symbol appears on the display.

Setting the Alarm Clock



Short press - Back
Long press - Switches the device off



Increases / Changes Field Value



Decreases / Changes Field Value



Next field



Previous field



Back / Confirm

→ Definitions

In the **Settings** menu you can configure and customize how the device operates.

To select the **Settings** menu, press "<" or ">" until the " " symbol appears on the display, then press "✓".

Display Settings



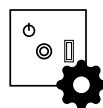
Date and Time Settings



Radio Settings



Central Unit Settings




Information



- Display Settings

In the **Display Settings** menu you can configure the Brightness, Colour Scheme, Language and Screen Timing.

To select the **Display Settings** menu, press "<" or ">" until the " " symbol appears on the display, then press "✓".

Brightness



Colour Scheme



Language

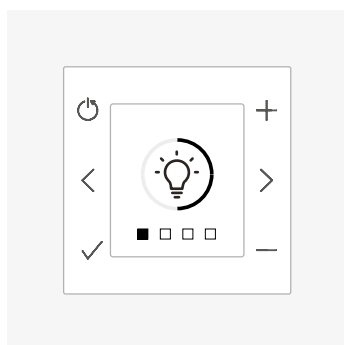



Screen Timing





· Brightness


In the **Brightness** menu you can adjust the brightness between Level 1 and Level 4.





-  **Short press** - Back
Long press - Switches the device off

-  Increases display brightness

-  Decreases display brightness

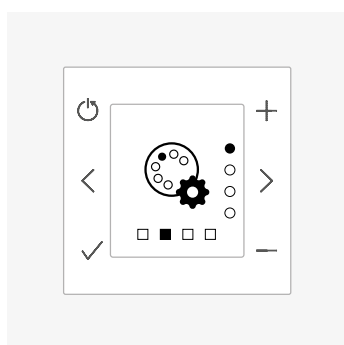
-  Next setting (Colour Scheme)

-  Previous setting (Screen Timing)

-  Back / Confirm

· Colour Scheme

In the **Colour Scheme** menu you can choose 1 of the 4 colour schemes available.



-  **Short press** - Back
Long press - Switches the device off

-  Previous colour scheme

-  Next colour scheme

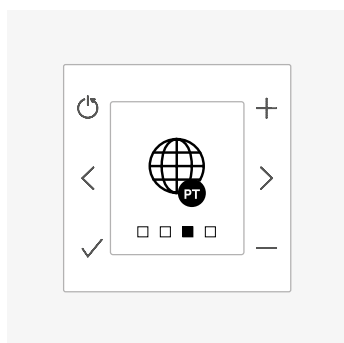
-  Next setting (Language)


-  Previous setting (Brightness)


-  Back / Confirm


· Language


In the **Language** menu you can choose the device language (PT, ES, FR, EN).





-  **Short press** - Back
Long press - Switches the device off

-  Previous language

-  Next language

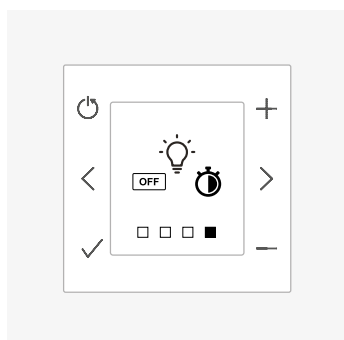
-  Next setting (Screen Timing)


-  Previous setting (Colour Scheme)


-  Back / Confirm

· Screen Timing


The **Screen Timing** menu allows you to set the screen timer (OFF, 15, 30, 45, 60 seconds).





-  **Short press** - Back
Long press - Switches the device off

-  Increases Timing

-  Decreases Timing

-  Next setting (Brightness)

-  Previous setting (Language)

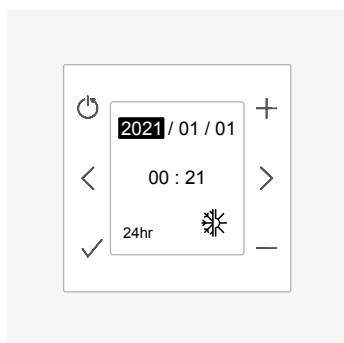
-  Back / Confirm

- Date and time settings

In the **Date and Time Settings** menu you can set the Date and Time, Time Format and Time Change.

To select the **Date and Time Settings** menu, press “<” or “>” until the “🕒” symbol appears on the display, then press “✓”.

In the Date and Time settings you can adjust the current date and time.



2021 / 01 / 01 Date

00 : 21 Time

24hr Time format: 12hr / 24hr

🌞 Automatic time change: “🌞” - Auto
“🌙” - OFF

🕒 **Short press** - Back
Long press - Switches the device off

⊕ Increases / Changes Field Value

— Increases / Changes Field Value

> Navigate between fields - Next field

< Navigate between fields - Previous field

✓ Back / Confirm

- Radio settings

In the **Radio Settings** menu you can activate the **RDS Text** Information and adjust the **Tuning Sensitivity**.

To select the **Radio Settings** menu, press “<” or “>” until the “📻” symbol appears on the display, then press “✓”.

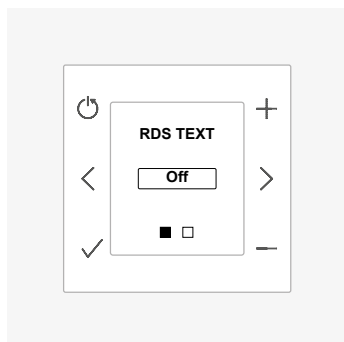
RDS text

RDS TEXT

Off

FM Radio Tuning Sensitivity**· RDS text**

Enables you to switch RDS Text on and off.



🕒 **Short press** - Back
Long press - Switches the device off

⊕ Switches ON / OFF

— Switches ON / OFF

> Navigate between fields

< Navigate between fields

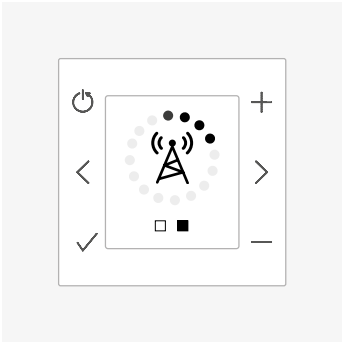
✓ Back / Confirm

· **FM Radio Tuning Sensitivity**

The FM Radio Tuning Sensitivity menu can adjust the Tuning Sensitivity.

This value sets the stopping sensitivity during scanning. If the sensitivity is too low, it will only stop at stations with a strong signal, or if it is too high, it will also stop at stations where the signal is weak.

It uses values from 1 to 16, with the factory setting at 8.



	Short press - Back Long press - Switches the device off
	Increases Tuning Sensitivity
	Decreases Tuning Sensitivity
	Navigate between fields
	Navigate between fields
	Back / Confirm

- **Central Unit Settings**

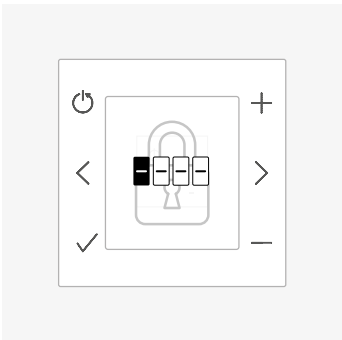
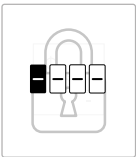
In the **Central Unit Settings** menu you can **Block** or **Unblock** access to the Central Unit via the Sound Control Unit.

To select the **Central Unit Settings** menu, press “<” or “>” until the “

· **Lock / Unlock Central Unit**




	Short press - Back Long press - Switches the device off
	Lock / Unlock (Long press)



	Code: 1978
	Increases digit (0, 1, 2..., 9)
	Decreases digit (9, 8, ..., 0)
	Next field
	Previous field
	Confirm

- Information

In the Information menu, you can read information about the device and factory reset values.

To select the Information menu, press “<” or “>” until the “” symbol appears on the display, then press “✓”.

Device Information



EFAPEL Information

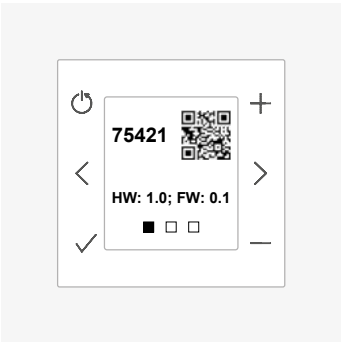








Factory Reset



· Device Information

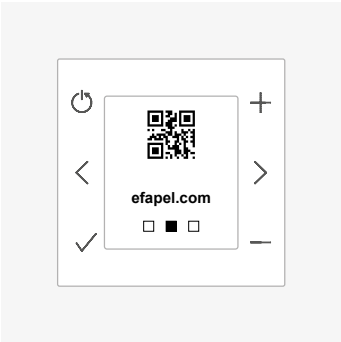
Displays the device’s hardware and firmware version.









	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (EFAPEL Information)
	
	

- EFAPEL Information

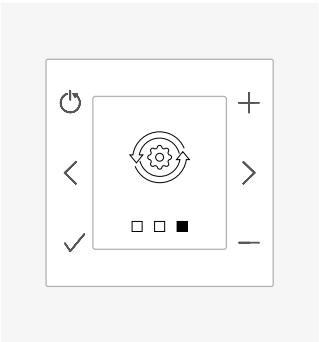
Presents EFAPEL Information.









	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (Factory Reset)
	Navigate between fields (Device information)
	

· Factory Reset

Factory Reset / RESET the device.



	Short press - Back Long press - Switches the device off
	
	
	Navigate between fields (EFAPEL Information)
	
	Confirm



Serpins,
3200-355 Serpins
Portugal

Export
+351 239 970 135
export@efapel.com

SAT - Technical Support Service
+351 239 970 132
sat@efapel.com

efapel.com

