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■ **Power supplies**

These units get energy in 230V~ and supply all the sound wiring with15V....

■ **Modular central units (Optional)**

When setting up is done, they get and amplify audio signal at first and then they stream it to the sound units.

■ **Sound control units**

They get the audio signal from the central unit, the tuner itself or from an external sound source. They amplify the signal and send it to the loudspeakers.

■ **Loudspeakers**

They get the audio signal from the units and turn it into vibrations (sound).

SOUND MODULAR UNITS

1 Stereo Channel Modular Central Unit - Ref. 21391 / 45391 S

	DESCRIPTION
	For input and supply of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, MP3 player, etc.). 3,5mm Jack input type.

Central Modular de 1 Canal Estéreo com FM - Ref. 21392 / 45392 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	The device hooks into the last selected channel.
Timer	ON/OFF	Being the device turned off and keeping on pressing the key, after 2 seconds, the TIMER function is activated, (🕐). By keeping on pressing the key, the clock gains at each 15 minutes. To turn off the TIMER function (🕐), press ON/OFF.
Clock	SELECT	Being the device turned off, the display lighting is turned on for 5 seconds.
Clock setting	SCAN	By the first touch, the display lighting is turned on for 5 seconds. At the second touch, the clock gains/ losses hours at each minute. By keeping on pressing the key, it gains/ losses quickly by timings of 10 minutes. After 5 seconds, it resumes to the standby mode and assumes the new time.
Channel selection	SELECT	Being the device turned on, select one or more external sound sources and the FM tuner.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
AUX input 3,5 mm Jack	⦿ 🔲	It allows the injection of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, reader of MP3, etc.) by a 3,5mm Jack. When this input is used, the set sound inputs, which are connected in the rearward of the device, are automatically clipped.

3 Stereo Channels Auxiliary Module - Ref. 21393 / 45393 S

	DESCRIPTION
	When it is used, it increases to four the number of compatible available inputs with external sound sources of the Line-Out type (TV, Hi-Fi, Walkman, Discman, MP3 player, etc.). 3,5mm Jack inputs type.

1 FM Stereo Channel Unit, Alarm Clock and IR (Infrared) - Ref. 21370 / 45370 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (🕐). By keeping on pressing the key, the clock gains at each 15 minutes. To turn off the TIMER function (🕐), press ON/OFF.
Standby display lighting	VOLUME	The display lighting is turned on for 5 seconds.
Turn on/Turn off and alarm clock hour setting	SELECT	Being the unit turned off, at the first the LCD lighting is turned on. If the **symbol of the awakening was off** (alarm off) the unit turns it on and shows the awakening time for 5 seconds. The symbol of awakening blinks for the setting of the awakening time using the SCAN keys. If the **symbol of awakening was on**, it turns it off and the alarm is off. If any key is pressed, the display goes back to the time after 5 seconds and the lighting turns off after more 2 seconds.
Volume	VOLUME	It raises and reduces the volume.
Channel selection	SELECT	It toggles between the central modular channel and the sound control FM tuner.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
Snooze	ANY KEY	When the alarm chimes, by pressing any key, the SNOOZE function is activated and turns it off for 10 minutes. Being in SNOOZE mode, the awakening and the time symbols blinks together. Pressing ON/OFF, the device is turned on and the alarm clock is turned off. The volume retakes the level the device had before the alarm clock chimed. Press SELECT to turn off the alarm clock function.
Audio IN Jack 3,5mm	⏺ ▭	It allows the injection of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, reader of MP3, etc.) by a 3,5mm Jack. When this input is used, the set sound inputs, which are connected in the rearward of the device, are automatically clipped.

AWAKENING MODE CONTROL - When comes the awakening time the device turns itself on the last selected source automatically, the display turns on and the symbol blinks. The alarm clock volume is preset by default (level 7).

1 FM Stereo Channel Unit and Alarm Clock - Ref. 21379 / 45379 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (🕐). By keeping on pressing the key, the clock gains at each 15 minutes. To turn off the TIMER function (🕐), press ON/OFF.
Standby display lighting	VOLUME	The display lighting is turned on for 5 seconds.
Turn on/Turn off and alarm clock hour setting	SELECT	Being the unit turned off, at the first the LCD lighting is turned on. If the **symbol of the awakening was off** (alarm off) the unit turns it on and shows the awakening time for 5 seconds. The symbol of awakening blinks for the setting of the awakening time using the SCAN keys. If the **symbol of awakening was on**, it turns it off and the alarm is off. If any key is pressed, the display goes back to the time after 5 seconds and the lighting turns off after more 2 seconds.
Volume	VOLUME	It raises and reduces the volume.
Channel selection	SELECT	It toggles between the central modular channel and the sound control FM tuner.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
Snooze	ANY KEY	When the alarm chimes, by pressing any key, the SNOOZE function is activated and turns it off for 10 minutes. Being in SNOOZE mode, the awakening and the time symbols blinks together. Pressing ON/OFF, the device is turned on and the alarm clock is turned off. The volume retakes the level the device had before the alarm clock chimed. Press SELECT to turn off the alarm clock function.
Audio IN Jack 3,5mm	⏺ ▭	It allows the injection of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, reader of MP3, etc.) by a 3,5mm Jack. When this input is used, the set sound inputs, which are connected in the rearward of the device, are automatically clipped.
Audio OUT Jack 3,5mm	⏺ 🎧	Sound outbound to the auriculars. The sound outbound to the loudspeakers is automatically clipped.

AWAKENING MODE CONTROL - When comes the awakening time the device turns itself on the last selected source automatically, the display turns on and the symbol blinks. The alarm clock volume is preset by default (level 7).
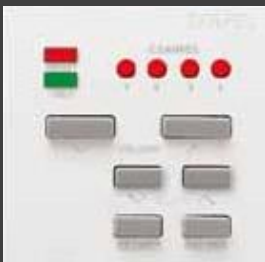
1 FM Stereo Channel Unit - Ref. 21377 / 45377 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (🕒). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (🕒), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.
Channel selection	SELECT	It toggles between the central modular channel and the sound control FM tuner.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. During the search the two green LED's blink alternatively. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
Áudio IN Jack 3,5mm	⬤ 📼	It allows the injection of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, reader of MP3, etc.) by a 3,5mm Jack. When this input is used, the set sound inputs, which are connected in the rearward of the device, are automatically clipped.
Áudio OUT Jack 3,5mm	⬤ 🎧	Sound outbound to the auriculars. The sound outbound to the loudspeakers is automatically clipped.

1 FM Mono Channel Unit - Ref. 21373 / 45373 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (🕒). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (🕒), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.
Channel selection	SELECT	It toggles between the central modular channel and the sound control FM tuner.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. During the search the two green LED's blink alternatively. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.

4 FM Mono Channels Unit - Ref. 21378 / 45378 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (🕒). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (🕒), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.
Radio Station search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
Channel selection	SELECT	It toggles between the 4 central modular channels and the sound control FM tuner.

1 Stereo Channel Unit - Ref. 21372 / 45372 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (⏱). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (⏱), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.
Audio IN Jack 3,5mm	⬤🔲	It allows the injection of signal from an external sound source as a Line-Out type (TV, Hi-Fi, Walkman, Discman, reader of MP3, etc.) by a 3,5mm Jack. When this input is used, the set sound inputs, which are connected in the rearward of the device, are automatically clipped.
Audio OUT	⬤🎧	Sound outbound to the auriculars. The sound outbound to the loudspeakers is automatically clipped.

1 Mono Channel Unit - Ref. 21371 / 45371 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (⏱). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (⏱), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.

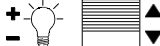## 4 Mono Channels Unit - Ref. 21374 / 45374 S

FUNCTION	KEY	DESCRIPTION
Turn on/Turn off	ON/OFF	It turns on and off the device.
Timer	ON/OFF	Being the unit turned off, by pressing the key for 2 seconds, the TIMER function is activated (⏱). By keeping on pressing the key, the clock gains at each 15 minutes noticed by the LED blinking. To turn off the TIMER function (⏱), press ON/OFF.
Volume	VOLUME	It raises and reduces the volume.
Channel selection	SELECT	It sequentially selects 1 of the 4 sound channels streamed by the Modular Central unit.

4 Stereo Channels Selector - Ref. 21385 / 45385 S

FUNCTION	KEY	DESCRIPTION
Channel selection	SELECT	It sequentially selects the input channels in the intended direction. Before Channel 1 and after the Channel 4 and depending on the amplifier unit model to which is associated (without FM tuner or with FM tuner), it selects again the channel or the sound control FM tuner.

ACCESSORY

Infrared Remote Control Transmitter Multifunctions - Ref. 81900

FUNCTION	KEY	DESCRIPTION
		🔊
Turn on/Turn off	ON/OFF	It turns on and off the sound unit.
Timer	TIMER	Using the remote in OFF mode, pressuring the key, after 2 seconds the function TIMER is activated (🕐). By keeping on pressing the key, the clock gains at each 15 minutes. The symbol TIMER (🕐) appears on the display. To turn off the TIMER function, it is necessary to turn off the device by pressing ON/OFF.
Silence mode	MUTE	By pressing the key sound outbound is clipped. Pressing again it turns on the sound at the previous volume level.
Volume	VOLUME	It raises and reduces the volume.
Radio stations search	SCAN	When it is in FM mode, if you press the key it will search the radio frequencies upward or downward. By keeping on pressing the key the automatic search function is activated. Pressing again the search will stop.
Channel selection	SELECT	It toggles between the central modular channel and the sound control FM tuner.
		🌡️
Turn on/Turn off	ON/OFF	It turns on and off the room thermostat.
Timer	TIMER	Press TIMER for 5 seconds. Select a period of 15 to 90 minutes by pressing ∧ or ∨. Press TIMER in order to confirm.
ºC	∧ ∨	It raises and reduces the temperature.
		+ 💡 ▤ ▲ − ▤ ▼
Programming of the IR Transmitter	∧ ∨	Press the ∧ or ∨ key of the installed device until the corresponding led starts to blink. Press on the IR Transmitter the corresponding button. The led goes off and the command will be programmed. To deprogram proceed in the same way.
		SCENE
—	Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ	Create scenarios

LOGUS⁹⁰

1 FM Stereo Channel Unit, Alarm Clock and IR (Infrared)
AQUARELLA (AL - Aluminium**)**

sirius70

1 FM Stereo Channel Unit, Alarm Clock and IR (Infrared)
CLASSIC (MF - Ivory**)**

APOLO 5000

1 FM Stereo Channel Unit, Alarm Clock and IR (Infrared)
METALIZED (GR - Graphite**)**

Jazz *Light*

(Surrounding Sound System)