

HELIOSA RADIO

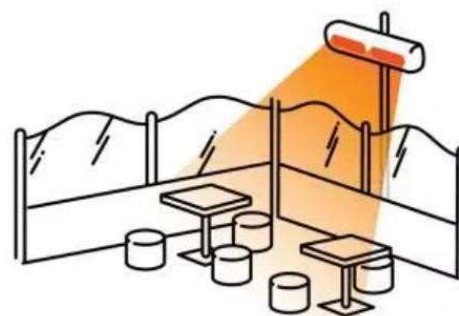
OPERATING INSTRUCTIONS

Remote Power Controller - Australia

Warning! Before installing the HELIOSA RADIO,
please read these instructions carefully



WIDE ANGLE



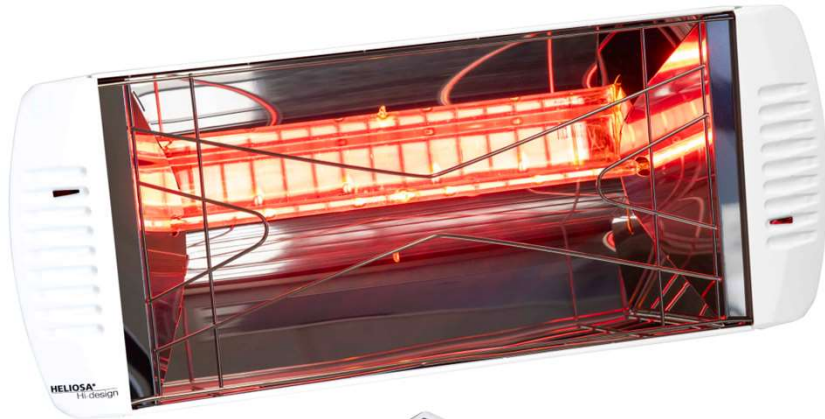
STAR PROGETTI
TECNOLOGIE APPLICATE

STAR PROGETTI RADIO ELECTRIC HEATERS
MADE IN ITALY

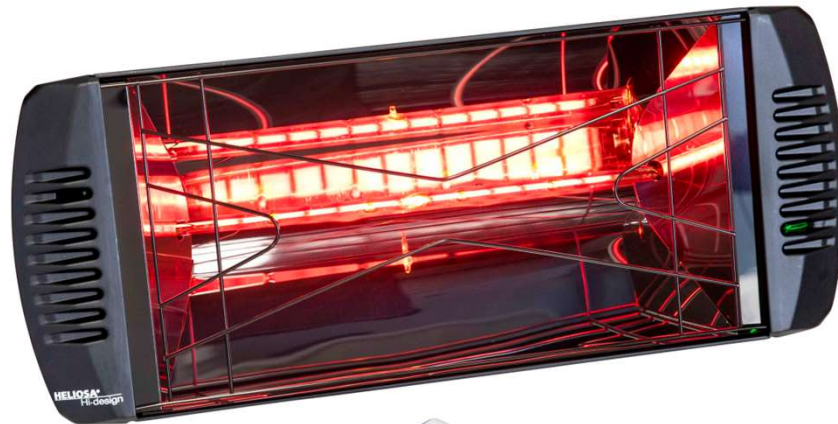


ENGLISH

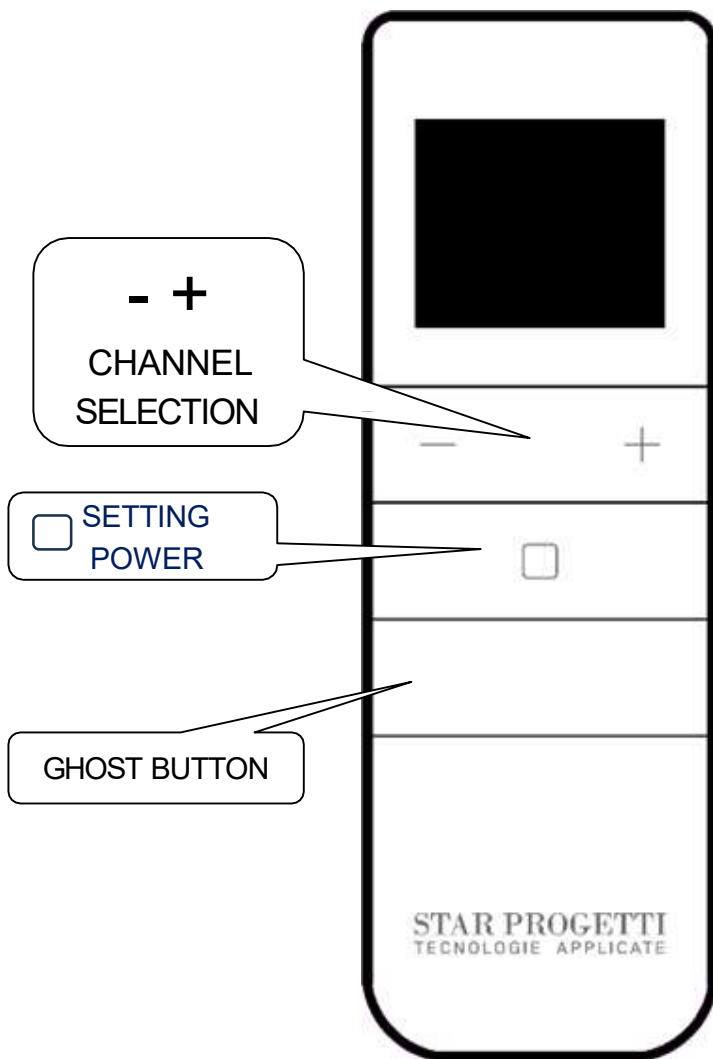
690070



690071



PART no.	COD.	COLOUR	RATED POWER	RATED VOLTAGE
690070	WDBR20	WHITE	1 x 2000W	230Vac
690071	WDNR20	BLACK		



15 CHANNELS	
CHANNEL NO	FUNCTION
PP	REMOVE RADIO CONTROLS AND DETECTORS
1-12	HEATER MANAGEMENT
13	PROGRAMMING
14	ENABLE / DISABLE PIR DETECTOR*
15	ST15 PIR DETECTOR TRANSMISSION

- Degree of protection: IP20
- Battery: 3 V type CR2450
- Dimensions: 135*44*10 mm
- Weight: 40 g
- Operating frequency: 433 MHz
- two-digit display screen
- 15 channels
- 4 buttons
- Colour: white
- Material: ABS, plastic
- Certificate: EC ROHS
- Transmission distance: up to 20m line of sight
- Type of coding: Learning code: EV1527

• Supplied with full magnetic holder complete with adhesive for wall mounting.



- **COD.ST15**
PIR Proximity Sensor NOT INCLUDED ACCESSORY

PIR NOT AVAILABLE IN AUSTRALIA

1

START UP

After installing the heater on the wall (see separate instructions (Fig.A):

Operate the main switch Fig.1

The heater is now powered by 220-240Vac mains voltage. A green light flashes for a few seconds to confirm the operation. Fig. 2



Fig.2

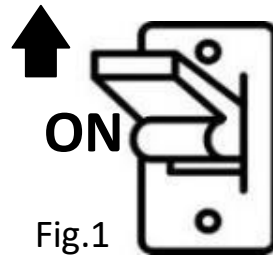


Fig.1



Fig.3

Within 5 seconds of switching on, the heater will power up at maximum capacity: Green LED. Fig. 3

2A

PAIRING OF 1 RADIO REMOTE POWER CONTROLLER WITH 1 HEATER CHANNEL 13

ALWAYS CARRY OUT OPERATION WITH ONLY ONE HEATER CONNECTED TO MAINS VOLTAGE / SWITCHED ON.

Pick Up the radio remote power controller PTVTEL:

- Use the "+" and "-" buttons to select channel 13 Fig. 4 and then press and hold the button as shown in Fig. 5
- When the Blue LED light on the heater starts flashing Fig.6, release button Fig. 5.

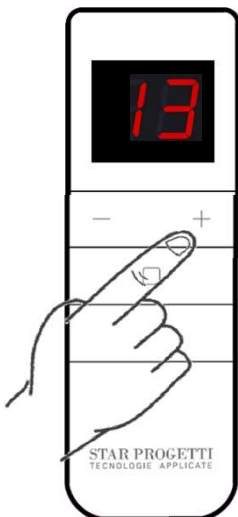


Fig.4

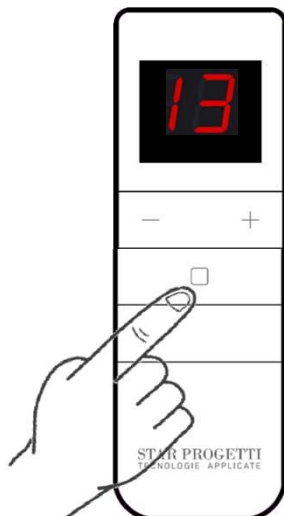


Fig.5

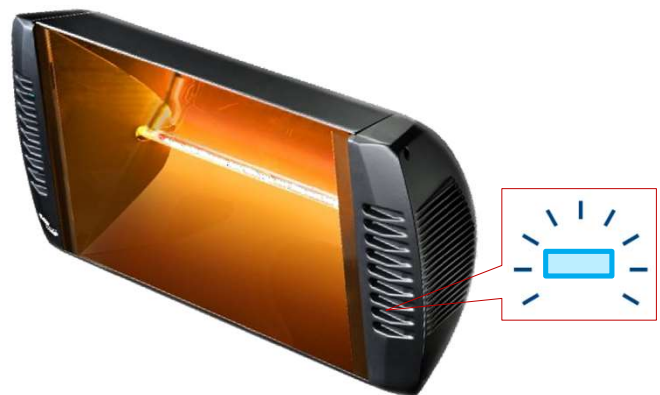



Fig.6

2B

Using the radio remote power controller PTVTEL:

- Within 10 seconds press the "+" and "-" buttons to select a channel [1-12] chosen for pairing. Example channel «1» Fig.7
- Immediately afterwards press the  button as shown in Fig. 8.
- The Blue LED on the heater goes out to confirm that the pairing operation is complete and the heater turns on to maximum power (Green LED). Fig.9

N.B. If programming does not work, repeat programming instructions again

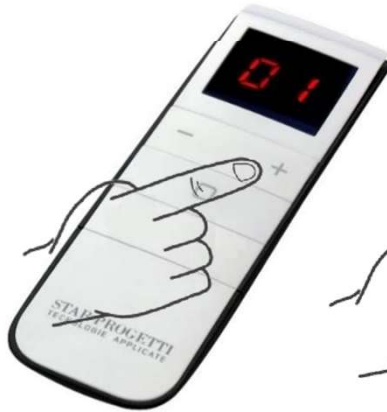


Fig.7



Fig.8



Fig.9

3

1 REMOTE CAN PAIR WITH UP TO 12 HEATERS

CHANNEL13

TO PAIR ANOTHER HEATER, ALWAYS CARRY OUT OPERATION WITH ONLY ONE HEATER CONNECTED TO MAINS VOLTAGE / SWITCHED ON.

Once next / new heater is switched on, pick up the radio remote power controller PTVTEL:

- Repeat the operations of the previous sections 2A and 2B by selecting the channel of your choice [1-12].
- If preferred, all heaters can be assigned to the same channel.
- In multi-heater set ups, it is also possible to form groups of heaters on one channel to creating "heating zones".
- If you accidentally leave another heater switched on when pairing, you may find that you will pair it to the same channel.

1 HEATER CAN BE CONTROLLED BY A MAXIMUM OF 4 REMOTES, OR 3 REMOTES AND A PIR PROXIMITY SENSOR.

Setting power level

Pick Up the radio remote power controller PTVTEL:

Choose the Channel corresponding to the heater or group of heaters that you want to control («1» in example below).




- On channel «1», press the  button as shown in Fig. 10
- **RED LED** lights up Fig.11 : **minimum power = 50% or 1000W**
- On channel «1», press the  button as shown in Fig. 10
- **Yellow LED** lights up Fig.12 : **medium power = 75% or 1500W**
- On channel «1», press the  button as shown in Fig. 10
- **Green LED** lights up Fig.13 **maximum power = 100% or 2000W**



Fig.10



Fig. 11, 12, 13

The LED changes colour
(Red, Yellow, Green) according to the set power level.

THE HEATER REMEMBERS THE LAST POWER SETTING BEFORE IT WAS SWITCHED OFF AND WILL RESTART AT THAT LEVEL.

**NOT
AVAILABLE IN
AUSTRALIA**



- NOT INCLUDED
ACCESSORY
COD.ST15



To Enable PIR* from remote control

Pick Up the radio power controller cod. PTVTEL:

- Using the "+" and "-" buttons select channel 14 Fig.14 and immediately after press the button as shown in Fig. 15
- The Blue LED on the heater starts flashing **twice** to confirm the operation Fig.16

To Disable PIR* from remote control

Pick Up the radio power controller cod. PTVTEL:

- Using the "+" and "-" buttons select channel 14 Fig.14 and immediately after press the button as shown in Fig. 15
- The Blue LED on the heater starts flashing **three** times to confirm the operation Fig.17

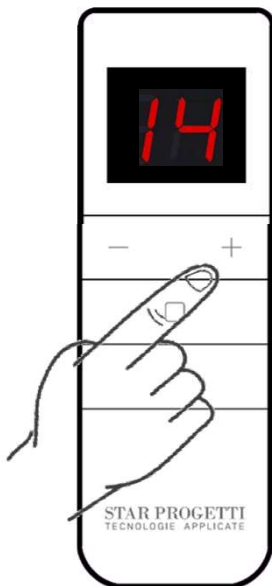


Fig.14

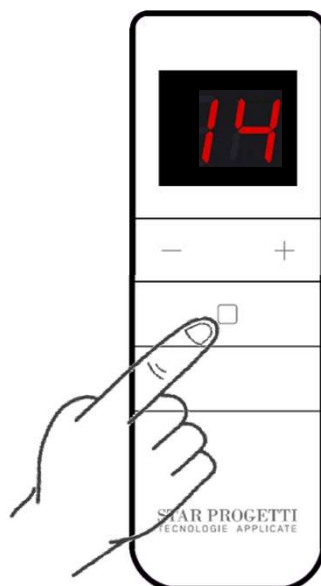


Fig.15

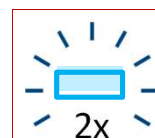
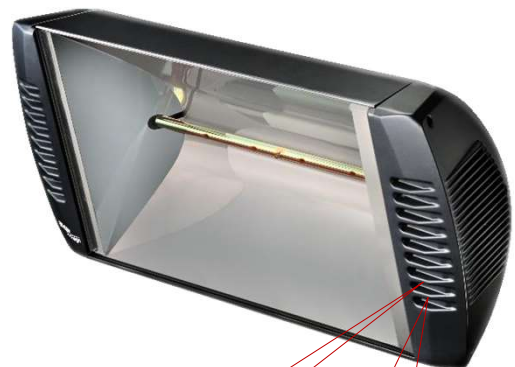


Fig.16

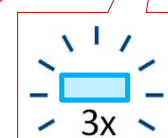




Fig.17

TO REMOVE PAIRING OF CONTROLLERS AND DETECTORS. To change channels or groups of channels or to completely re-set the system, the heater memory has to be cleared.

ALWAYS CARRY OUT OPERATION WITH ONLY ONE HEATER CONNECTED TO MAINS VOLTAGE / SWITCHED ON UNLESS YOU WANT TO CLEAR MEMORY OF ALL HEATERS.

Pick Up the radio remote power controller PTVTEL:

- By using the "+" and "-" buttons select channel PP Fig.18 and immediately after press and hold the  button as shown in Fig. 19
- The Blue LED on the heater starts flashing to confirm the cancellation operation has been carried out the heater will turn off. Fig. 20. Release the  button.

N.B. If deletion does not work, please repeat these instructions.

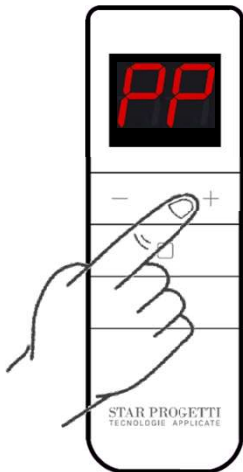


Fig.18

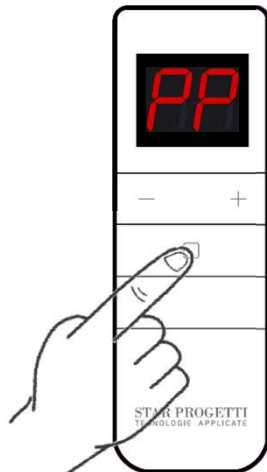


Fig.19



Fig.20

IF A HEATER IS CONTROLLED ON MORE THAN ONE CHANNEL BY MULTIPLE REMOTES, IT WILL NEED RE-PAIRING WITH EVERY REMOTE ONCE ITS MEMORY IS CLEARED.

Once a heater memory has been cleared, to re-PAIR follow Instructions in Sections 2A and 2B to pair with new selected channel.

The only difference is that once paired the heater will not power up automatically. It must be powered up using the “GHOST BUTTON” Fig.21

Take the radio remote power controller PTVTEL:

- Once you have paired with a channel Example channel « 1 » Fig.21, Press the Left Hand Side of the blank third row of the controller [“The Ghost Button”].
- The Heater will Power up on the Red LED **Minimum** setting Fig.22



Fig. 22

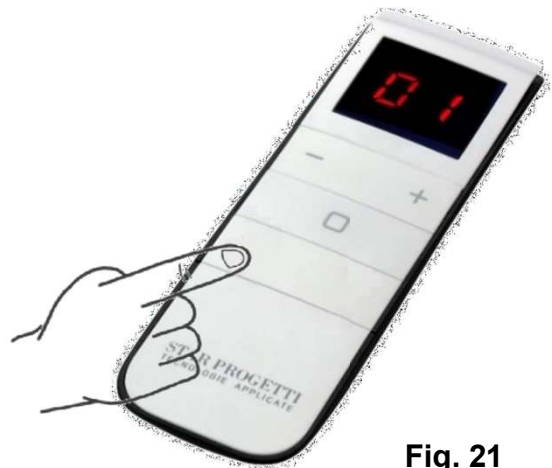


Fig. 21



WARNING

THIS PRODUCT CONTAINS COIN / BUTTON BATTERY

Keep product and batteries away from children.
Swallowing of a battery can lead to chemical burns, perforation of soft tissue and death.
Severe burns can occur within 2 hours of ingestion.
If you suspected a button/coin battery has been swallowed or placed inside any part of the body, you should contact the **Australian Poison Information Centre** on **13 11 26** immediately for 24/7 fast, expert advice.



DANGER

- The Remote Power Controller uses a Lithium Button Battery which is Hazardous and must be kept away from children (whether new or used).
- Fatal injury can occur within 2 hours if the battery is swallowed or placed inside any part of the body.
- Urgent medical attention should be sought if it is suspected that a battery has been swallowed or placed inside any part of the body!
- Carefully and knowingly dispose of button batteries by recycling using a designated Council battery recycling scheme – never leave lying around.

WARNING

- A plastic tab needs to be pulled out from the battery case before first operation. Please make sure to dispose of carefully to keep away from children.

TROUBLESHOOTING

PROBLEM	CAUSES	SOLUTIONS
The radio remote control does not work	<ul style="list-style-type: none"> • Batteries are low 	<ul style="list-style-type: none"> • Replace battery Fig. 23 with CR2450 3V
The radio remote power controller works but does not control the heater	<ul style="list-style-type: none"> • PTVTEL has not been stored with the heater 	<ul style="list-style-type: none"> • Store PTVTEL read Section 2 «Pairing 1 Remote Power Controller with 1 Heater»
Remote control does not pair with heater	<ul style="list-style-type: none"> • Heater memory full if 4 devices are paired 	<ul style="list-style-type: none"> • Clear the memory by removing one of the four previously stored PTVTELS. See Section 6 «Clearing the Heater Memory»
Product does not switch on	<ul style="list-style-type: none"> • No mains voltage • Incorrectly mounted plug or damaged cable • The remote power controller does not work 	<ul style="list-style-type: none"> • Check that there is voltage in the power cable and try again. • Check that the plug is fitted correctly or replace the cable. • Check the remote power controller has power.
The heating element does not turn on at any set power level	<ul style="list-style-type: none"> • The heating element is damaged. 	<ul style="list-style-type: none"> • Contact technical support (+39 02 90639261 then dial 2) or your dealer
Power control does not work	<ul style="list-style-type: none"> • The controller is damaged. 	<ul style="list-style-type: none"> • Contact technical support (+39 02 90639261 then dial 2) or your dealer



Fig.23



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