



## Operating Instructions - Handset Remote Controls G6R-H



**CAUTION!** Please read and follow these instructions for installation and operation entirely before use.  
The product must be installed and operated according to all applicable regulations!

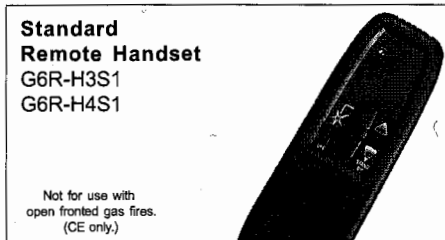


Illustration 1

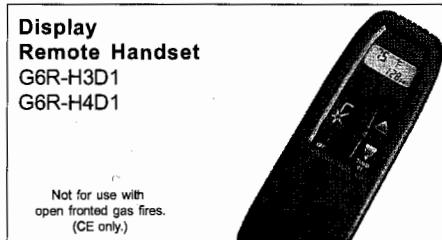


Illustration 2



Illustration 3

### TECHNICAL DATA

Radio Frequency: ..... 433.92 MHz for Europe, 315MHz for US (FCC ID: RTD-G6R) and Canada (IC: 4943A-G6R)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Batteries: ..... 1 x 9V block (quality alkaline recommended)

Max. ambient temperatures: .... remote handset with batteries 60°C (140°F)

### GENERAL NOTES

#### Battery

- After the (9 Volt) battery has been installed, the remote handset is ready for operation.
- Remove the battery, if the remote handset will not be used for more than one year.

#### Changing the code

- The control is radio frequency operated. A code (chosen from among 4,000 available codes) is preset for all Mertik Maxitrol valves, but can be changed if required (15 additional codes available). Change DIP switch position (Illustration 4). Then press the receiver's reset button until you hear a second (longer) signal. When pressing the ▼ button on the remote handset in the following 20 sec., the receiver learns the new code. When the receiver is placed in the heater, the surrounding metal diminishes reception considerably. The position of the antenna on the receiver also influences reception (see "Instructions for Installation and Operation e-FLAME Remote Electronic Ignition System").

#### Shut-off Procedure

- To save battery power, press ▼ to turn main gas to pilot gas. Press OFF button to shut off the device including pilot flame. The heater can be shut off with the ON/OFF switch located at the valve, thus disabling the remote handset.

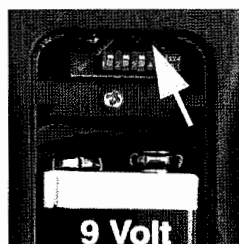


Illustration 4: DIP Switch in Remote Handset Battery Compartment

- Short tapping of either button allows incremental change in flame height.

#### Switch off

Press OFF button to switch off the main gas and the pilot gas.

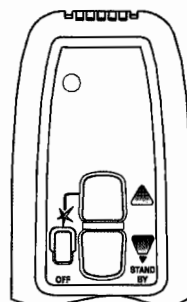


Illustration 5

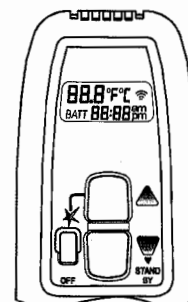


Illustration 6

### DISPLAY REMOTE HANDSET (Illustration 2 and 6)

#### Setting the time

After connecting the battery or by simultaneously pressing ▲ and ▼ the display will start to flash.

Press ▲ to set the hour and ▼ to set the minute. Wait or press OFF to return to the manual mode.

#### Set the display (°C/24h°F/12h)

Press OFF and ▼ until display changes from °F (and 12 hour clock) to °C (and 24 hour clock) or vice versa.

#### Start Ignition

- Press buttons ✱ and ▲ simultaneously. A short acoustic signal confirms the start sequence has begun. Further short acoustic signals (0.2 sec., 1 Hz) indicate the ignition process until it is completed and main gas flows. If pilot is already lit, motor will turn to ON position (max. flame height) while buttons are pressed down.
- Press (▲) to turn on the main burner and to increase the flame height. Press (▼) to decrease the flame height and to shut off the main burner.
- Short tapping of either button allows incremental change in flame height.

#### Switch off

Press OFF button to switch off the main gas and the pilot gas.

### STANDARD REMOTE HANDSET (Illustration 1 and 5)

#### Start Ignition

- Press buttons ✱ and ▲ simultaneously. A short acoustic signal confirms the start sequence has begun. Further short acoustic signals (0.2 sec., 1 Hz) indicate the ignition process until it is completed and main gas flows. If pilot is already lit, motor will turn to ON position (max. flame height) while buttons are pressed down.
- Press (▲) to turn on the main burner and to increase the flame height. Press (▼) to decrease the flame height and to shut off the main burner.

## TIMER & THERMOSTAT REMOTE HANDSET (Illustration 3 and 7)

### Set the time

- After connecting the battery or by simultaneously pressing ▲ and ▼ the display will start to flash. You are in the set mode.
- From SET mode press ▲ to set the hour and ▼ to set the minute.
- Wait or press OFF to return to the manual mode.

### Set the display (°C/24h ↔ °F/12h)

- Press OFF and ▼ until display changes from °F (and 12 hour clock) to °C (and 24 hour clock) or vice versa.

### Changing the mode of operation

Pressing the SET button quickly changes the mode of operation in the following order: MAN → \*TEMP → ◐TEMP → TIMER → MAN

- Manual flame height adjustment (MAN appears on display):  
The MAN mode can be reached by pressing the ▲ or the ▼ button. Press ▲ to turn on the fire (main burner) or to increase flame height. Press ▼ to decrease flame or to go down to pilot. A symbol indicating transmission appears on display. The receiver acknowledges the transmission with an acoustic signal.
- The day time temperature mode (\*TEMP appears on display):  
The sensor in the transmitter measures the room temperature. The controller compares the room temperature with set temperature and sends a signal to the receiver to turn the gas valve motor up or down, to adjust the flame height accordingly.
- The nighttime setback temperature (◐TEMP appears on display):  
Like above there is a setting for nighttime temperature control. In this setting the room temperature is compared to the night setback temperature. There is a bigger temperature differential during this cycle (saves energy).
- Timer: The timer mode (TIMER appears on display) operates much like the temperature mode above. There is a temperature control feature like in the \*TEMP setting and the same in ◐TEMP setting. The timer setting allows you to set specific times for on and off. (There are 2 burner on and 2 burner off cycles every 24 hrs.) If the setting of ◐TEMP is ---, the motor will turn the valve to the standby pilot position and await the next burner „on“ cycle. The display shows the setting temperature every 30 seconds.

### Setting the temperature

- Select the desired mode of operation (\*TEMP or ◐TEMP) by pressing the SET button briefly.
- Hold the SET button until the display flashes.
- Set the temperature with ▲ or ▼ (40°F is the minimum temperature).
- Wait or press OFF to go to temperature control mode.
- If the temperature control in moon times should be off (lower battery consumption), decrease the night temperature until --- appears on display.

### Set the timer

- Switch to timer mode by pressing the set button briefly.
- Press the SET button till P1\* flashes.
- Set the hours with ▲ and minutes with ▼.
- Press SET briefly for the next burner cycle time.
- If all 4 times are set, pressing the OFF button or waiting will complete the programming.

### Start Ignition

Press simultaneously ▲ and OFF (Spark) button.

### Switch off

Press OFF button to switch off the main gas and the pilot gas.

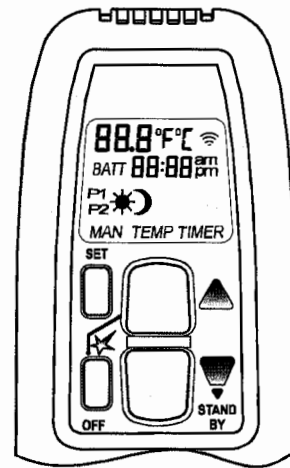
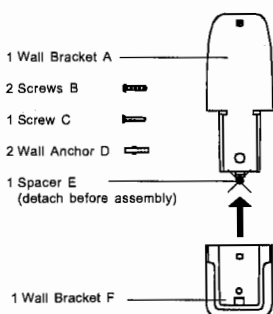


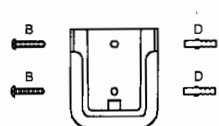
Illustration 7

## G30-ZWHG WALL BRACKET FOR REMOTE HANDSET (OPTIONAL)

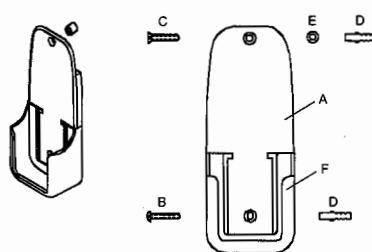
### Packing Contents:



### Alternative 1



### Alternative 2



### Alternative 3

