MERTIK MAXITROL® MAXITROL®

GV60 Bidirectional Control System for use with Symax[®] Handsets and myfire[®] App

Installation and Operating Instructions

INSTALLATION INSTRUCTIONS UPON REQUEST

Application
Components
Technical Specifications
Mounting Positions
Gas Connections
Perform Gas Leak Test
Wiring
Basic
 Additional Function9
 2nd Thermocouple Option
Receiver for Power Flue Control, Fan, Light/Dimmer,
Latching Solenoid, AUX (Volt-Free Contact)
• myfire App Setup
Knob Settings
Adjustment
Final Check

OPERATING INSTRUCTIONS

General Notes	15
myfire App Setup	15
4-SYMBOL	17
Setting Fahrenheit or Celsius	17
Setting the Time	17
Child Proof	17
Manual Mode	17
Designated Low Fire and High Fire	18
Countdown Timer	18
myfire App	18
6-SYMBOL	19
Setting Fahrenheit or Celsius	19
Setting the Time	19
Child Proof	19
Manual Mode	19
Designated Low Fire and High Fire	20
Countdown Timer	20
Modes of Operation	21

Thermostatic Mode	21
	21
тупге Арр	22
8-SYMBOL	23
Setting Fahrenheit or Celsius	23
Setting the Time	23
Child Proof	23
Manual Mode	23
Designated Low Fire and High Fire	24
Countdown Timer	24
Modes of Operation	25
Thermostatic Mode	25
Program Mode	25
Auxiliary Feature (2nd Burner Feature)	26
Fco Mode	26
myfire Ann	26
пуше / фр	20
10-SYMBOL	27
Setting Fahrenheit or Celsius	27
Setting the Time	27
Child Proof	27
Manual Mode	27
Designated Low Fire and High Fire	28
Countdown Timer	28
Modes of Operation	29
Thermostatic Mode	29
Program Mode	29
Auxiliary Feature (2nd Burner Feature)	0
Foo Mode	30
Circulating Fan Operation	30
Light/Dimmer Operation	00
myfire App	
пуше Арр	
TOUCHPAD/WALL SWITCH	32
SWITCH PANEL	32
Manual Operation	33
To Turn off Gas to Appliance	JJ 22
Automatia Turn Davin to Dilat	33
Automatic Turn Down to Pilo(33
	33

IMPORTANT SAFETY INFORMATION

WARNING

Read these instructions carefully and completely before installing or operating. Failure to follow them could result in a fire or explosion causing property damage, personal injury, or loss of life. Service and installation must be performed by a trained/experienced service technician.

WHAT TO DO IF YOU SMELL GAS

- Do NOT operate any appliance.
- Do NOT touch any electrical switch; do NOT use any phone in your building.
- Immediately evacuate the area and contact the gas supplier. Follow the gas supplier's instructions.
- If you cannot reach the gas supplier, call the fire department.

Installation and service must be performed by a qualified installer, service agency, or the gas supplier. Installation shall conform with local codes, or in the absence of local codes, in accordance with the National Fuel Gas Code ANSI Z223.1/NFPA 54 or the IFGC or CSA B149.1. All piping and tubing must comply with local codes and ordinances.

Use only your hand to push in or turn the gas control knobs. Never use tools. If a knob will not push in or turn by hand, do not try to repair it. Call a qualified service technician. Force or attempted repair can result in a fire or explosion.

Do NOT use a product if you suspect it has been subjected to high temperatures, damaged, tampered with, or taken apart. Do NOT use a product if you suspect it has been under water or that liquid has seeped into the product. Any of these incidents can cause leakage or other damage that may affect proper operation and cause potentially dangerous combustion problems.

Damper position must be in accordance with Manufacturer's Installation Instructions and all applicable standards. Failure to follow them could result in a fire or explosion causing property damage, personal injury, or loss of life.

Do NOT store or use gasoline or other flammable vapors and liquids in the vicinity of this control or other appliances.

A WARNING

ELECTRIC SHOCK HAZARD

- Read these instructions carefully. Failure to follow them could result in property damage, personal injury, or loss of life.
- This control must be electrically wired and operated in accordance with all codes and local regulations. Service and installation
 must be performed by a trained, experienced service technician.
- Do NOT use the control if you suspect it may be damaged.

OPERATING INSTRUCTIONS

GENERAL NOTES

NOTICE

Wiring of valve and receiver must be completed before starting ignition. Failure to do so could damage the electronics.

WARNING

To avoid damaging the electronics, do NOT use metal tools to remove the batteries from the handset/receiver.

Batteries – Handset

- Low battery indicator on handsets.

Batteries – Receiver

- Low battery indication: frequent beeps for 3 seconds when motor turns.
- An AC mains adapter may be used instead of batteries.
- The V module for fan speed control and light/dimmer provides the receiver with power. The batteries in the receiver can be used for automatic backup in case of power outage.

A WARNING

- Without using a mains adapter, battery replacement is recommended at the beginning of each heating season.
- Old or dead batteries should be removed immediately. If left in the unit the batteries can overheat, leak, and/or explode.
- Do NOT expose batteries (including during storage) to direct sunlight, excessive heat, fire, moisture, or severe impact. Each of these conditions can cause the batteries to overheat, leak, and/or explode.
- Batteries must be kept within their recommended temperature limits (ambient battery temperature range: 32°F to 131°F/ 0°C to 55°C).
- New and old batteries and different brands of batteries should not be used together. Mixing of various batteries can cause the batteries to overheat, leak, and/or explode.

Software Version

Press (2) and (4) buttons simultaneously. Software version is displayed.

Handset Model Number

Press (3) and (1) buttons simultaneously. Handset model number is displayed.

Handset One Button and Two Button Ignition

Change from one button to two button ignition (Default Setting) or vice versa by pressing and holding (b) button for 10 sec. immediately after installing batteries. **ON** is displayed and **1** or **2** (one or two button ignition) is flashing. When change is complete **1** changes to **2** or vice versa.

Deactivate Functions

- 1. Install batteries. All icons are displayed and flashing.
- 2. While the icons are flashing, press the relevant function button and hold for 10 sec.
- 3. The function icon will flash until deactivation is complete. Deactivation is complete when the function icon and two horizontal bars are displayed.

NOTE: If a deactivated button is pressed, there is no function, and two horizontal bars are displayed.

NOTE: Deactivation remains in effect after change of batteries.

Activate Functions

- 1. Install batteries. All icons are displayed and flashing.
- 2. To activate a function, press the relevant button and hold for 10 sec.
- The function icon will continue to flash until activation is complete. Activation is complete when the function icon is displayed.

The following Functions can be Deactivated/Activated

- CHILD PROOF
- PROGRAM MODE
- THERMOSTATIC MODE (also deactivates PROGRAM MODE)
 ECO MODE
- LIGHT/DIMMER OPERATION
 CIRCULATING FAN OPERATION
- AUXILIARY FEATURECOUNTDOWN TIMER
- COUNTBOWNTHIME

MYFIRE APP SETUP

NOTICE

For myfire App setup, you will need your Wi-Fi Network SSID and password.

*** For more detailed setup/operating instructions refer to www.myfireapp.com ***

INITIAL SETUP

- 1. Download myfire App from Apple App Store or Google Play Store.
- 2. Touch screen to start App setup.
- 3. Choose language, temperature (C° or F°) and time format (12 or 24 hour).

REGISTRATION

- **NOTE:** You must register before logging in. Registration is one time only.
- 1. Fill in data and accept the "Privacy Policy".
- 2. Touch "OK" in pop-up notice.
- 3. Touch link to confirm email verification.
- You will be shown a message that you have successfully registered the myfire App.
- 5. Return to App.

LOGIN

- 1. Fill in your registration password.
- 2. Accept "Terms and Conditions".
- 3. Touch the "Login" button.

CONNECT SMART DEVICE TO NEW MYFIRE WI-FI BOX

- 1. Touch the \oplus icon.
- A message will tell you to go to your smart device Wi-Fi settings.
- 3. Touch myfire_WiFi-Box_<number>.
- 4. Enter the password "MYFIREPLACE".

CONNECT MYFIRE WI-FI BOX TO WI-FI ROUTER

NOTE: The connecting process may take between 1–10 minutes. After successful connection a pop-up will tell you to go to your smart device Wi-Fi settings.

- 1. Select a name for your fire.
- 2. Type in the name (SSID) of your Wi-Fi Router.
- 3. Type in the password of your Wi-Fi Router.
- 4. Touch "Connect" button.

NOTICE

To connect myfire Wi-Fi Box to Wi-Fi Router (Home Network), make sure:

- Home Network is available.
- Home Network name and password are correct.
- SSID of the Wi-Fi Router is not hidden.
- Home Network signal is in range.
- Wi-Fi Router supports User Datagram Protocol (UDP).

CONNECT SMART DEVICE TO WI-FI ROUTER

NOTE: After successful connection a pop-up will tell you to go to your smart device Wi-Fi settings.

1. Touch "OK" button, if correct.

CONFIRM FIREPLACE SETTINGS

1. After confirming fireplace settings touch "Finish" button.

A LIST OF CONNECTED MYFIRE WI-FI BOXES IS DISPLAYED 1. Touch "Start App" button to finish installation and setup process.

The home screen is displayed and the myfire app is ready to go.

NOTICE

After setting up the myfire Wi-Fi Box and myfire App, the time has to be synchronized in the settings of the myfire App.

NOTICE

The active device (Symax handset or smart device) is the one last used. An exception is if the non-active devise is used to change Light, Fan, or AUX. The non-active device will make the changes, but the active device remains so if it is in Thermostatic, Program, or Eco Mode. If a Profile includes a Thermostatic, Program, or Eco setting it will also cause the active device to remain active.

NOTICE

If Thermostatic, Program, or Eco Mode is activated using the app, the corresponding icon and "RPP" is displayed on the handset (see figure 25).



Figure 25: App connected (in Thermostatic Mode)

NOTICE

During motor movement no information between receiver and transmitter is exchanged. The synchronization follows after motor has stopped.

NOTICE

The room temperature data is transferred by the Handset during synchronization.

4-SYMBOL



Figure 26: 4-symbol Display

SETTING FAHRENHEIT or CELSIUS



To change between °C and °F, press () and () buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

CHILD PROOF



ON:

To activate press (b) and (v) buttons simultaneously. (c) displayed and the handset is rendered inoperable, except for the off function.

OFF:

To deactivate press (b) and (v) buttons simultaneously.

SETTING the TIME



- 1. Press (A) and (Y) buttons simultaneously. **Day** flashes.
- Press (▲) or (♥) button to select a number to correspond with the day of the week (e.g. 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 5=Saturday, 1=Sunday).
- 3. Press (A) and (Y) buttons simultaneously. **Hour** flashes.
- 4. To select hour press (A) or (V) button.
- 5. Press (A) and (V) buttons simultaneously. **Minutes** flash.
- 6. To select minutes press (A) or (Y) button.
- 7. To confirm press (A) and (V) buttons simultaneously or wait.

MANUAL MODE (HANDSET)

NOTICE

- **BEFORE OPERATING**
- 1. Make sure MANUAL knob on the GV60 valve is in the **ON**, full counterclockwise
- 2. Place the ON/OFF switch (if equipped) in the I (ON) position.

TO TURN ON FIRE

A WARNING

When pilot ignition is confirmed, motor turns automatically to maximum flame height.

WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to **OFF** and follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).



- Press (b) button (One Button Ignition) or (d) and (A) button simultaneously (Two Button Ignition) until two short beeps and a blinking series of lines confirms the start sequence has begun; release button(s).
- Main gas flows once pilot ignition is confirmed.
- Handset automatically goes into Manual Mode after main burner ignition.

STANDBY MODE (PILOT FLAME)

Handset

Press and hold button to set appliance to pilot flame.

TO TURN OFF FIRE



HandsetPress (b) button to turn off.

NOTE: A new ignition is possible after the OFF icon stops flashing.

FLAME HEIGHT ADJUSTMENT



Handset

- To increase flame height press and hold (a) button.
- To decrease flame height or to set appliance to pilot flame, press and hold
 button.

DESIGNATED LOW FIRE and HIGH FIRE

NOTE: Backlight must be on for high fire and low fire double-click operation.



- To go to low fire, double-click ♥ button. L0 is displayed.
- NOTE: Flame goes to high fire first before going to low fire.

(\mathbf{V})

 To go to high fire, double-click button. H is displayed.

WARNING

If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

COUNTDOWN TIMER



ON/SETTING:

- 1. Press and hold 🕃 button until 🕷 displayed, and **hour** flashes.
- 2. To select hour press (A) or (Y) button.
- 3. To confirm press (a) button. Minutes flash.
- 4. To select minutes press (A) or (Y) button.

5. To confirm press 🖲 button or wait.

OFF:

Press a button, a and countdown time disappear.

NOTE: At end of countdown time period, the fire shuts off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

MYFIRE APP

NOTICE

Before the App can be used, the myfire Wi-Fi Box must be wired and plugged into mains power according to myfire App setup diagram (see figure 20, page 12), and the App setup must be completed (see myfire App setup, page 15).

The modes can be operated according to the descriptions on previous pages.

6-SYMBOL



Figure 27: 6-symbol Display

SETTING FAHRENHEIT or CELSIUS



To change between °C and °F, press (d) and (a) buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

CHILD PROOF



ON:

To activate press (b) and (c) buttons simultaneously. (c) displayed and the handset is rendered inoperable, except for the off function.

OFF:

To deactivate press (b) and (r) buttons simultaneously. C disappears.

SETTING the TIME



- 1. Press (A) and (V) buttons simultaneously. **Day** flashes.
- Press (▲) or (♥) button to select a number to correspond with the day of the week (e.g. 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 5=Saturday, 1=Sunday).
- 3. Press (and () buttons simultaneously. **Hour** flashes.
- 4. To select hour press (A) or (V) button.
- 5. Press (and () buttons simultaneously. **Minutes** flash.
- 6. To select minutes press (A) or (V) button.
- 7. To confirm press (A) and (Y) buttons simultaneously or wait.

MANUAL MODE (HANDSET)

NOTICE

BEFORE OPERATING

- 1. Make sure MANUAL knob on the GV60 valve is in the **ON**, full counterclockwise composition.
- 2. Place the ON/OFF switch (if equipped) in the I (ON) position.

TO TURN ON FIRE

A WARNING

When pilot ignition is confirmed, motor turns automatically to maximum flame height.



- Press (b) button (One Button Ignition) or (b) and (A) button simultaneously (Two Button Ignition) until two short beeps and a blinking series of lines confirms the start sequence has begun; release button(s).
- · Main gas flows once pilot ignition is confirmed.
- · Handset automatically goes into Manual Mode after main burner ignition.

A WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to OFF and follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

STANDBY MODE (PILOT FLAME)

Handset

Press and hold v button to set appliance to pilot flame.

TO TURN OFF FIRE



Handset Press (b) button to turn off.

NOTE: A new ignition is possible after the OFF icon stops flashing.

FLAME HEIGHT ADJUSTMENT



Handset

- To increase flame height press and hold A button.
- · To decrease flame height or to set appliance to pilot flame, press and hold 🖲 button.

DESIGNATED LOW FIRE and HIGH FIRE

NOTE: Backlight must be on for high fire and low fire double-click operation.

ton. L0 is displayed.



• To go to high fire, double-click (A) button. H I is displayed.

fore going to low fire.

A WARNING

If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

COUNTDOWN TIMER

(ပ) 【 (ပု)

ON/SETTING:

- 1. Press and hold 🔳 button until 📱 displayed, and hour flashes.
- 2. To select hour press (A) or (V) button.
- 3. To confirm press 🗷 button. Minutes flash.
- 4. To select minutes press (▲) or (▼) button.
- 5. To confirm press (3) button or wait.

OFF:

Press (3) button, 3 and countdown time disappear.

NOTE: At end of countdown time period, the fire shuts off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

MODES of OPERATION



I Thermostatic Mode

The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the set temperature.

PROGRAM MODE



8:00

(ወ) (\mathbf{Z})

ON: Press 🖲 button. 🖳, 1 or 2, ON or OFF displayed.

1. Press 🙆 or 🛦 or 🕅 button to enter

2. Press () button to enter Thermostatic



Program Mode

Programs 1 and 2, each can be programmed to go on and off at specific times at a set temperature.

THERMOSTATIC MODE



ON:

Press () button. I displayed, preset temperature displayed briefly, and then room temperature displayed.

OFF:

- 1. Press () button.
- 2. Press (A) or (V) button to enter Manual Mode.
- 3. Press 🕑 button to enter Program Mode.



SETTING:

- 1. Press () button and hold until displayed, temperature flashes.
- 2. To adjust set temperature press (A) or ♥ button.
- 3. To confirm press (\mathbf{I}) button or wait.

NOTE: The set temperature for Thermostatic Mode is the temperature for the on time in Program Mode. Changing the Thermostatic Mode set temperature also changes the on time temperature in Program Mode.

Manual Mode.

Default settings:

ON TIME (Thermostatic) TEMPERATURE: 70°F/21°C OFF TIME TEMPERATURE: "--" (pilot flame only)

OFF:

Mode.



测试

V

U

TEMPERATURE SETTING:

- 1. Press 🖲 button and hold until 🕑 flashes. ON and set temperature (setting in Thermostatic Mode) displayed.
- 2. To continue press 🖲 button or wait. OFF displayed, temperature flashes.
- 3. Select off temperature by pressing the (A) or (V) button.
- 4. To confirm press 🖲 button.



DAY	SET	TING:
-----	-----	-------

- 5. RLL flashes. Press (A) or (V) button to choose between RLL, SR:SU, I, 2, 3, 4, 5, 6, 7.
- 6. To confirm press 🖲 button.

RLL selected

ON TIME SETTING (PROGRAM 1):

- 7. (1, **ON** displayed, RLL is displayed shortly, and **hour** flashes.
- 8. To select hour press or button.
- 9. To confirm press (e) button. (D), 1, ON displayed, RLL displayed shortly, and minutes flash.
- 10. To select minutes press (A) or (V) button.
- 11. To confirm press 🕑 button.



OFF TIME SETTING (PROGRAM 1):

- 12. (), **1**, **OFF** displayed, RLL is displayed shortly, and **hour** flashes.
- 13. To select hour, press A or V button.
- 14. To confirm press D button. D, **1**, **OFF** displayed, RLL displayed shortly, and **minutes** flash.
- 15. To select minutes press (A) or (V) button.
- 16. To confirm press 🕑 button.
- **NOTE:** Either continue to PROGRAM 2 and set on and off times or stop programming at this point, and PROGRAM 2 remains deactivated.
- NOTE: PROGRAM 1 and 2 use the same on (Thermostatic) and off temperatures for RLL, 5R:5L and Daily Timer (1, 2, 3, 4, 5, 5, 5, 3). Once a new on (Thermostatic) and/or off temperature has been set, that temperature becomes the new default setting.
- NOTE: If RLL, SRSU or Daily Timer are programmed for PRO-GRAM 1 and PROGRAM 2 on and off times, these become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 on and off times and temperatures.

58:50 or Daily Timer (1, 2, 3, 4, 5, 6, 3) selected

- Set on time and off time using same procedure as "RLL selected" (above).
- \bullet 58:54: Set on time and off time for both Saturday and Sunday.
- Daily Timer: Unique on and off times may be set for a single day of the week, for multiple days of the week, or for every day of the week.
- Wait to finish setting.

MYFIRE APP

NOTICE

Before the App can be used, the myfire Wi-Fi Box must be wired and plugged into mains power according to myfire App setup diagram (see figure 20, page 12), and the App setup must be completed (see myfire App setup, page 15).



If Thermostatic or Program Mode is activated, the corresponding icon and "RPP" is displayed on the handset.

The modes can be operated according to the descriptions on previous pages.



8-SYMBOL



Figure 28: 8-symbol Display

SETTING FAHRENHEIT or CELSIUS



To change between °C and °F, press (d) and (a) buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

CHILD PROOF



ON:

To activate press (a) and (b) buttons simultaneously. The handset is rendered inoperable, except for the off function.

OFF:

To deactivate press (b) and (v) buttons simultaneously.

SETTING the TIME



- 1. Press (A) and (V) buttons simultaneously. **Day** flashes.
- Press (▲) or (♥) button to select a number to correspond with the day of the week (e.g. 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 5=Saturday, 1=Sunday).
- 3. Press (A) and (V) buttons simultaneously. **Hour** flashes.
- 4. To select hour press (A) or (V) button.
- 5. Press (and () buttons simultaneously. **Minutes** flash.
- 6. To select minutes press (A) or (Y) button.
- 7. To confirm press (A) and (Y) buttons simultaneously or wait.

MANUAL MODE (HANDSET)

NOTICE

BEFORE OPERATING

- 1. Make sure MANUAL knob on the GV60 valve is in the ON, full counterclockwise position.
- 2. Place the ON/OFF switch (if equipped) in the I (ON) position.

TO TURN ON FIRE

A WARNING

When pilot ignition is confirmed, motor turns automatically to maximum flame height.



- Press (b) button (One Button Ignition) or (b) and (A) button simultaneously (Two Button Ignition) until two short beeps and a blinking series of lines confirms the start sequence has begun; release button(s).
- · Main gas flows once pilot ignition is confirmed.
- Handset automatically goes into Manual Mode after main burner ignition.

A WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to OFF and follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

STANDBY MODE (PILOT FLAME)

Handset

Press and hold v button to set appliance to pilot flame.

TO TURN OFF FIRE



Handset

Press (b) button to turn OFF.

NOTE: A new ignition is possible after the OFF icon stops flashing.

DESIGNATED LOW FIRE and HIGH FIRE

NOTE: Backlight must be on for high fire and low fire double-click operation.

ton. LI is displayed.



• To go to high fire, double-click (A) button. H is displayed.

fore going to low fire.

A WARNING

If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

COUNTDOWN TIMER

888,

() 🚺 🚺 🔺

(1) (1) (1)

ON/SETTING:

- 1. Press and hold 🖲 button until 📱 displayed, and hour flashes.
- 2. To select hour press (A) or (V) button.
- 3. To confirm press 🗷 button. Minutes flash.
- 4. To select minutes press (▲) or (▼) button.
- 5. To confirm press 🕃 button or wait.

OFF:

Press (3) button, 3 and countdown time disappear.

NOTE: At end of countdown time period, the fire shuts off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

FLAME HEIGHT ADJUSTMENT



Handset

- To increase flame height press and hold A button.
- · To decrease flame height or to set appliance to pilot flame, press and hold 🖲 button.

© 2017 Mertik Maxitrol GmbH & Co. KG, All Rights Reserved

MODES of OPERATION



Thermostatic Mode

The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the set temperature.

PROGRAM MODE



ON: Press low button. lor **2**, **ON** or **OFF** displayed.



🕑 Program Mode

PROGRAMS 1 and 2, each can be programmed to go on and off at specific times at a set temperature.

$\left(\right)$	
	🕲 (‡) 🔥 (¥)

Flame height modulates between high and low. If the room temperature is lower than the set temperature, the flame height stays on high for a longer period of time. If the room temperature is higher than the set temperature, the flame height stays on low for a longer period of time. One cycle lasts approx. 20 min.

THERMOSTATIC MODE



Press () button. I displayed, preset temperature displayed briefly, and then room temperature displayed.

OFF:

ON:

- 1. Press () button.
- 2. Press (a) or (v) button to enter Manual Mode.
- 3. Press button to enter Program Mode.
- 4. Press button to enter Eco Mode.

SETTING:

- 1. Press () button and hold until displayed, temperature flashes.
- 2. To adjust set temperature press ▲ or ♥ button.
- 3. To confirm press (\mathbf{I}) button or wait.



- OFF:
- 1. Press (a) or (a) or (b) button to enter Manual Mode.
- 2. Press () button to enter Thermostatic Mode.

NOTE: The set temperature for Thermostatic Mode is the temperature for the on time in Program Mode. Changing the Thermostatic Mode set temperature also changes the on time temperature in Program Mode.

Default settings:

ON TIME (Thermostatic) TEMPERATURE: 70°F/21°C OFF TIME TEMPERATURE: "--" (pilot flame only)



观听

(1) 🖹 🌔 🔺

(‡) (h) (¥)

U

TEMPERATURE SETTING:

- 1. Press button and hold until flashes. **ON** and set temperature (setting in Thermostatic Mode) displayed.
- To continue press button or wait.
 OFF displayed, temperature flashes.
- 3. Select off temperature by pressing the ▲ or ♥ button.
- 4. To confirm press 🖲 button.
- **NOTE:** The on (Thermostatic) and off set temperatures are the same for each day.



- 5. RLL flashes. Press (A) or (V) button to choose between RLL, 5R:5U, I, 2, 3, 4, 5, 5, 5, 1.
- 6. To confirm press 🖲 button.

(U) (U)

(4)

RLL selected

ON TIME SETTING (PROGRAM 1):

- 7. (1, **ON** displayed, RLL is displayed shortly, and **hour** flashes.
- 8. To select hour press A or V button.
- 9. To confirm press (e) button. (b), 1, ON displayed, RLL displayed shortly, and minutes flash.
- 10. To select minutes press (A) or (V) button.
- 11. To confirm press 🖲 button.



OFF TIME SETTING (PROGRAM 1):

- 12. (1), **1**, **OFF** displayed, RLL is displayed shortly, and **hour** flashes.
- 13. To select hour, press (A) or (Y) button.
- 14. To confirm press D button. D, **1**, **OFF** displayed, RLL displayed shortly, and **minutes** flash.
- 15. To select minutes press ▲ or ♥ button.
- 16. To confirm press 🖲 button.
- **NOTE:** Either continue to PROGRAM 2 and set on and off times or stop programming at this point, and PROGRAM 2 remains deactivated.
- NOTE: PROGRAM 1 and 2 use the same on (Thermostatic) and off temperatures for RLL, 5R:5U and Daily Timer (1, 2, 3, 4, 5, 5, 3). Once a new on (Thermostatic) and/or off temperature has been set, that temperature becomes the new default setting.
- **NOTE:** If RLL, SRSU or Daily Timer are programmed for PRO-GRAM 1 and PROGRAM 2 on and off times, these become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 on and off times and temperatures.

58:50 or Daily Timer (1, 2, 3, 4, 5, 6, 3) selected

- Set on time and off time using same procedure as "RLL selected" (above).
- 58:54: Set on time and off time for both Saturday and Sunday.
- Daily Timer: Unique on and off times may be set for a single day of the week, for multiple days of the week, or for every day of the week.
- Wait to finish setting.



The latching solenoid valve will open automatically after ignition or after switching the system off, so that the maximum flow of gas is supplied to both burners assisting with the ignition process. After pressing the AUX-Button the motor will turn 7 seconds in the ON direction until the max. position is reached.



ON: To switch a burner on, press the () button. 4 displayed.

OFF:

To switch the burner OFF, press the (+) button. + disappears.

NOTE: The latching solenoid valve cannot operate manually. If the receiver battery runs down it will remain in the last operating position.

ECO MODE



ON: Press ⁽∕_☉ button to enter Eco Mode. ⁽∕_☉⁽) displayed.

OFF: Press (A) button. (A) disappears.

MYFIRE APP

NOTICE

Before the App can be used, the myfire Wi-Fi Box must be wired and plugged into mains power according to myfire App setup diagram (see figure 20, page 12), and the App setup must be completed (see myfire App setup, page 15).



If Thermostatic, Program or Eco Mode is activated, the corresponding icon and "RPP" is displayed on the handset.

The modes can be operated according to the descriptions on previous pages.

NOTE: In Manual Mode "RPP" is NOT displayed on the handset.

10-SYMBOL



Figure 29: 10-symbol Display

SETTING FAHRENHEIT or CELSIUS



To change between °C and °F, press (0) and (s) buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

CHILD PROOF



ON:

To activate press (1) and (1) buttons simultaneously. (2) displayed and the handset is rendered inoperable, except for the off function.

OFF:

To deactivate press (b) and (v) buttons simultaneously.

SETTING the TIME



- 1. Press (A) and (V) buttons simultaneously. **Day** flashes.
- Press (▲) or (♥) button to select a number to correspond with the day of the week (e.g. 1=Monday, 2=Tuesday, 3=Wednesday, 4=Thursday, 5=Friday, 5=Saturday, 1=Sunday).
- 3. Press (A) and (V) buttons simultaneously. **Hour** flashes.
- 4. To select hour press (A) or (Y) button.
- 5. Press (and () buttons simultaneously. **Minutes** flash.
- 6. To select minutes press (A) or (Y) button.
- 7. To confirm press (A) and (Y) buttons simultaneously or wait.

MANUAL MODE (HANDSET)

NOTICE

BEFORE OPERATING

- 1. Make sure MANUAL knob on the GV60 valve is in the ON, full counterclockwise < position.
- 2. Place the ON/OFF switch (if equipped) in the I (ON) position.

TO TURN ON FIRE

A WARNING

When pilot ignition is confirmed, motor turns automatically to maximum flame height.



- Press (b) button (One Button Ignition) or (b) and (A) button simultaneously (Two Button Ignition) until two short beeps and a blinking series of lines confirms the start sequence has begun; release button(s).
- · Main gas flows once pilot ignition is confirmed.
- Handset automatically goes into Manual Mode after main burner ignition.

A WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to OFF and follow the instructions "TURN OFF GAS TO APPLIANCE" (page 33).

STANDBY MODE (PILOT FLAME)

Handset

Press and hold v button to set appliance to pilot flame.

TO TURN OFF FIRE



Handset Press (b) button to turn off.

NOTE: A new ignition is possible after the OFF icon stops flashing.

FLAME HEIGHT ADJUSTMENT



Handset

- To increase flame height press and hold A button.
- · To decrease flame height or to set appliance to pilot flame, press and hold 🖲 button.

DESIGNATED LOW FIRE and HIGH FIRE

NOTE: Backlight must be on for high fire and low fire double-click operation.

ton. L0 is displayed.



• To go to high fire, double-click (A) button. H is displayed.

fore going to low fire.

A WARNING

() 🖉 🌔 🔺

(1) (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)
 (1) (1)

(\$) (?)

If the appliance will not operate, follow the instructions "TURN OFF GAS TO APPLIANCE" (page 33).

COUNTDOWN TIMER



ON/SETTING:

- 1. Press and hold 🖲 button until 🛣 displayed, and hour flashes.
- 2. To select hour press (A) or (V) button.
- 3. To confirm press 🖲 button. Minutes flash.
- 4. To select minutes press (▲) or (▼) button.
- 5. To confirm press 🕃 button or wait.

OFF:

Press (3) button, 3 and countdown time disappear.

NOTE: At end of countdown time period, the fire shuts off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

MODES of OPERATION



8:00

S) (?

I Thermostatic Mode

The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the set temperature.

Programs 1 and 2, each can be pro-

grammed to go on and off at specific

PROGRAM MODE



ON: Press low button. log, **1** or **2**, **ON** or **OFF** displayed.



OFF:

- 1. Press) or () or () button to enter Manual Mode.
- 2. Press () button to enter Thermostatic Mode.
- 3. Press 🛞 button to enter Eco Mode.

A Eco Mode

Program Mode

times at a set temperature.

Flame height modulates between high and low. If the room temperature is lower than the set temperature, the flame height stays on high for a longer period of time. If the room temperature is higher than the set temperature, the flame height stays on low for a longer period of time. One cycle lasts approx. 20 min.

THERMOSTATIC MODE



(U) (Z) (L) (A

(1)
(1)
(2)
(2)
(3)
(2)
(3)
(4)
(5)
(7)

ON:

Press () button. I displayed, preset temperature displayed briefly, and then room temperature displayed.

OFF:

- 1. Press () button.
- 2. Press (a) or (v) button to enter Manual Mode.
- 3. Press button to enter Program Mode.
- 4. Press 🛞 button to enter Eco Mode.

SETTING:

- 1. Press () button and hold until displayed, temperature flashes.
- 2. To adjust set temperature press (A) or v button.
- 3. To confirm press (\mathbf{I}) button or wait.

on time temperature in Program Mode. **Default settings:** ON TIME (Thermostatic) TEMPERATURE: 70 °F/21 °C OFF TIME TEMPERATURE: "--" (pilot flame only)

NOTE: The set temperature for Thermostatic Mode is the tem-

perature for the on time in Program Mode. Changing the

Thermostatic Mode set temperature also changes the

TEMPERATURE SETTING:

- 1. Press button and hold until flashes. **ON** and set temperature (setting in Thermostatic Mode) displayed.
- To continue press button or wait.
 OFF displayed, temperature flashes.
- 3. Select off temperature by pressing the ▲ or ♥ button.
- 4. To confirm press 🖲 button.
- **NOTE:** The on (Thermostatic) and off set temperatures are the same for each day.

DAY SETTING:

- 5. RLL flashes. Press A or V button to choose between RLL, 5R:5U, I, Z, J, Y, 5, 6, 1.
- 6. To confirm press 🖲 button.

RLL SELECTED

ON TIME SETTING (PROGRAM 1):

- 7. (1, **ON** displayed, RLL is displayed shortly, and **hour** flashes.
- 8. To select hour press A or V button.
- 9. To confirm press (e) button. (b), 1, ON displayed, RLL displayed shortly, and minutes flash.
- 10. To select minutes press (A) or (V) button.
- 11. To confirm press 🖲 button.

- OFF TIME SETTING (PROGRAM 1): 12. (D), **1**, DFF displayed, RLL is displayed
- shortly, and **hour** flashes. 13. To select hour, press (a) or (b) button.
- 14. To confirm press is button. (b), 1,
 OFF displayed, RLL displayed shortly, and minutes flash.
- 15. To select minutes press ▲ or ♥ button.
- 16. To confirm press 🖲 button.
- **NOTE:** Either continue to PROGRAM 2 and set on and off times or stop programming at this point, and PROGRAM 2 remains deactivated.
- NOTE: PROGRAM 1 and 2 use the same on (Thermostatic) and off temperatures for RLL, 5A:5U and Daily Timer (1, 2, 3, 4, 5, 5, 3). Once a new on (Thermostatic) and/or off temperature has been set, that temperature becomes the new default setting.
- NOTE: If ALL, 5R:5U or Daily Timer are programmed for PRO-GRAM 1 and PROGRAM 2 on and off times, these become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 on and off times and temperatures.

58:55 or Daily Timer (1, 2, 3, 4, 5, 6, 7) selected

- Set on time and off time using same procedure as "RLL selected" (above).
- 58:50: Set on time and off time for both Saturday and Sunday.
- Daily Timer: Unique on and off times may be set for a single day of the week, for multiple days of the week, or for every day of the week.
- Wait to finish setting.

AUXILIARY FEATURE (2ND BURNER FEATURE)

The latching solenoid valve will open automatically after ignition or after switching the system off, so that the maximum flow of gas is supplied to both burners assisting with the ignition process. After pressing the AUX-Button the motor will turn 7 seconds in the ON direction until the max. position is reached.

To switch a burner on, press the () button. displayed.

OFF:

ON.

To switch the burner off, press the 1 button. 1 disappears.

NOTE: The latching solenoid valve cannot operate manually. If the receiver battery runs down it will remain in the last operating position.

ECO MODE

ON: Press log button to enter Eco Mode. A displayed.

OFF:

Press 🔊 button. 🖓 disappears.

CIRCULATING FAN OPERATION

Circulating fan has 4 speed levels from low (1 bar) to high (4 bars).

SETTING:

- 1. Press 🗞 button and hold until 🏦 flashes.
- 2. Press A button to increase fan speed and V button to decrease fan speed.
- To confirm setting either press S button or wait (displayed).

OFF:

Press v button until all 4 speed level bars disappear.

NOTE: SETTING only. If the fan was not switched off after last use, it starts automatically 4 minutes after ignition at maximum speed and goes to the last set level after 10 seconds. The fan stops 10 minutes after the gas is OFF or at pilot.

LIGHT/DIMMER OPERATION

ON: Press () button () displayed). Light is on at preset level.

OFF: Press () button () disappears).

SETTING:

- 1. Press () button and hold until () flashes.
- 2. To adjust light between 20...100% press ▲ or ♥ button.
- 3. To confirm setting either press () button or wait () displayed).
- **NOTE:** The Light works independently of the Pilot flame. If you want the light on but no flame, press (?) button.

MYFIRE APP

NOTICE

Before the App can be used, the myfire Wi-Fi Box must be wired and plugged into mains power according to myfire App setup diagram (see figure 20, page 12), and the App setup must be completed (see myfire App setup, page 15).

If Thermostatic, Program or Eco Mode is activated, the corresponding icon and "RPP" is displayed on the handset.

The modes can be operated according to the descriptions on previous pages.

NOTE: In Manual Mode "RPP" is NOT displayed on the handset.

TOUCHPAD/WALL SWITCH

Figure 30: Touchpad/Wall Switch

To Turn ON Appliance

- Press ON-OFF button (see figure 30) until two short beeps confirm the start sequence has begun; release button.
- Once pilot ignition is confirmed, there is main gas flow.

A WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to **OFF** and follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

Standby Mode (Pilot Flame)

 Press and hold (small flame) button to set appliance at pilot flame.

To Turn OFF Appliance

• Press ON-OFF button.

Flame Height Adjustment

- Press and hold (large flame) button to increase flame height.
- Press and hold (small flame) button to decrease flame height or to set appliance at pilot flame.

A WARNING

If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

TO OPEN AND CLOSE SOLENOID VALVE/BURNER

- Simultaneously press the ON-OFF and (small flame) buttons to switch the Decorative Burner OFF.
- Simultaneously press ON-OFF and (large flame) buttons buttons to switch Decorative Burner on.
- **NOTE:** The latching solenoid valve cannot operate manually. If the receiver battery runs down it will remain in the last operating position.

SWITCH PANEL

Figure 31: Switch Panel

To Turn ON Appliance

- Press "B" button (see figure 31) until two short beeps confirm the start sequence has begun; release button.
- Once pilot ignition is confirmed, there is main gas flow.

WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to **OFF** and follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

Standby Mode (Pilot Flame)

• Press and hold "C" button to set appliance at pilot flame.

To Turn OFF Appliance

Press "B" button.

Flame Height Adjustment

- Press and hold "A" button to increase flame height.
- Press and hold "C" button to decrease flame height or to set appliance at pilot flame.

WARNING

If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO APPLIANCE" (page 33).

TO OPEN AND CLOSE SOLENOID VALVE/BURNER

- Simultaneously press the "B" and "C" buttons to switch the Decorative Burner OFF.
- Simultaneously press "B" and "A" buttons buttons to switch Decorative Burner on.
- **NOTE:** The latching solenoid valve cannot operate manually. If the receiver battery runs down it will remain in the last operating position.

MANUAL OPERATION

(Only possible, when MANUAL knob is used)

Access to the pilot burner is only required for ignition with a match.

When turning main valve knob, do not force. Knob has a slip clutch that clicks until the end stops are reached. This allows for manual flame height adjustment as well as adjustment to pilot standby position.

- 1. STOP! Read the safety information included before proceeding.
- 2. Turn main valve knob to the **OFF**, full clockwise \bigcirc position.
- 3. Turn MANUAL knob to the MAN, full clockwise Reposition.
- 4. Place ON/OFF switch (if equipped) in O (OFF) position.
- 5. Wait five (5) minutes to clear out any gas. Verify that no gas is in the area around the appliance, including near the floor. If you detect gas STOP! Follow "WHAT TO DO IF YOU SMELL GAS" in the safety information on page 2. If no gas is present, proceed to step 6.
- 6. Place ON/OFF switch (if equipped) in I (ON) position.
- 7. With the MANUAL knob in **MAN** position a manual pilot valve operator and piezo ignitor (optional) are accessible.
- Fully push down manual pilot valve operator and hold in, to start pilot gas flow (see figure 32).

Ignition with match:

Immediately light the pilot with a match, while continuing to hold in the manual pilot valve operator for about one (1) minute after the pilot is lit. Release manual pilot valve operator. If pilot does not stay lit, wait five (5) minutes and repeat.

Ignition with piezo ignitor:

Change the ignition cable from the receiver to the valve. Push in the piezo ignitor to ignite. If pilot does not stay lit, wait five (5) minutes and repeat.

WARNING

If the pilot does not stay lit after several tries, turn the gas control knob (main valve knob) to **OFF** and proceed to step 12.

- 9. If applicable, replace pilot access panel before proceeding.
- 10. Turn MANUAL knob to the **ON**, full counterclockwise
- 11. Turn main valve knob to the full **ON**, full counterclockwise $\sqrt{2}$ position.
- 12. If the appliance will not operate, follow the instructions TO TURN OFF GAS TO APPLIANCE (below).

TO TURN OFF GAS TO APPLIANCE

- 1. Place ON/OFF switch (if equipped) in **O** (OFF) position.
- 2. If gas control is accessible turn main valve knob to the **OFF** full clockwise

AUTOMATIC TURN DOWN TO PILOT

3 Hour No Communication Function

 The valve will turn to pilot flame if there is no communication between handset and receiver for a 3 hour period. The fire will continue to function normally when communication is restored.

Receiver Overheating

The valve turns to pilot flame if the receiver temperature is higher than $176 \degree F/80 \degree C$. If batteries are installed in the receiver the temperature must not exceed $140 \degree F/60 \degree C$.

NOTE: In Manual Mode the main burner can be turned back ON after the temperature is below 140°F/60°C (with batteries in receiver) or 176°F/80°C (without batteries in receiver). In Thermostatic Mode, the main burner turns back ON automatically.

1 Hour Turn Down

(optional; requires special receiver and handset software)

 The valve will turn to pilot flame if there is no motor movement over a 1 hour period.

AUTOMATIC SHUT OFF

Countdown Timer

• At end of countdown time period, the fire shuts off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

Low Battery Receiver

• With low battery power in the receiver the system shuts off the fire completely. This will not happen if the power supply is interrupted.

On-Demand Pilot (5 Day Shut-Off)

 This green feature eliminates gas energy consumption during extended appliance inactivity. The system automatically extinguishes the pilot when the appliance is inactive for an extended period of time. This feature helps the consumer realize cost benefits by automatically eliminating energy consumption during non-heating months and limited use.

2nd Thermocouple Shut Off

(optional)

- The system shuts off the fire if the main burner does not completely ignite approximately 20 seconds after ignition or after pushing button.
 - **NOTE:** Before the next ignition there is a 2 minute waiting period. If the thermocouple is then still too hot, you will hear a long beep.

MERTIK MAXITROL®

Exclusive Distributor Europe for Maxitrol Company

Mertik Maxitrol GmbH & Co. KG Warnstedter Str. 3, 06502 Thale GERMANY

Tel: +49 3947 400-0 Fax: +49 3947 400-200 www.mertikmaxitrol.com

GV60-II.OI-EN-12.2017-bidirectional

MAXITROL

Exclusive Distributor North America for Mertik Maxitrol

Maxitrol Company 23555 Telegraph Rd., PO Box 2230 Southfield, MI 48037-2230 USA

> Tel: +1 248-356-1400 Fax: +1 248-356-0829 www.maxitrol.com