

HANDHELD REMOTE USER GUIDE



User Menu Summary:

The following tasks can be accomplished from the User Menu:

- Update prices
- Set the clock on the sign
- Set a timer that can turn the sign off at night and back on in the morning
- Set a timer that controls the sign brightness level during the day and night
- Set the day-time brightness level
- Set the night-time brightness level
- Temporarily override the timers
- Blank out product if desired

Enter User Menu:

When the sign is displaying prices or blanked out:

- Type the 4 digit user code to enter *USER* menu.
- The User Code is unique for each site and is written on Econo Remote sticker.

Exit User Menu:

When sign is displaying *USER*:

- Press **OK** **OK** to exit to price display or wait for the *USER* mode timeout.

Set Price:

- Enter *USER* menu.
- Press **↑** then **1** to enter the Set Price sub menu.
 - All but one product will shut off.
- The selected digit will flash.
- Update the price by pressing buttons **0** - **9** on the remote.
 - When a number (0 - 9) is pressed, the next digit is selected.
 - After the last digit in the price is updated, the first is selected again.
- Press **OK** to save current price and move on to the next price.
 - After the last price has been updated and saved, the sign returns to the *USER* menu.

Enable/Disable Products:

Products (ex. Unleaded, Premium, Diesel) can be enabled (operate normally) and disabled (blank).

- Enter *USER* menu.
- Press **↑** then **2** to enter the Enable / Disable Products sub menu.
 - All products will display *YES* (product is enabled) or *NO* (product is disabled).
- The selected product will flash.
- Press **0** to change between *YES* and *NO* if desired.
- Press **OK** to save this setting and move to next product.
 - After the last product has been saved, the sign returns to *USER* menu.

Set Clock:

This will set the sign's internal clock which is used for the timers.

- Enter *USER* menu.
- Press **↑** then **4** to enter the Set Clock sub menu.
 - Sign displays *⌚*, then the current time in 24 hour format HHMM.

12 Hour	24 Hour	12 Hour	24 Hour
12:00 AM	00:00	12:00 PM	12:00
1:00 AM	01:00	1:00 PM	13:00
2:00 AM	02:00	2:00 PM	14:00
3:00 AM	03:00	3:00 PM	15:00
4:00 AM	04:00	4:00 PM	16:00
5:00 AM	05:00	5:00 PM	17:00
6:00 AM	06:00	6:00 PM	18:00
7:00 AM	07:00	7:00 PM	19:00
8:00 AM	08:00	8:00 PM	20:00
9:00 AM	09:00	9:00 PM	21:00
10:00 AM	10:00	10:00 PM	22:00
11:00 AM	11:00	11:00 PM	23:00

- The selected digit will flash.
- Update the time by pressing buttons **0** - **9** on the remote.
 - When a number (0 - 9) is pressed, the next digit is selected.
 - After the last digit in the price is updated, the first is selected again.
- Press **OK** to save time and move on to date.
 - Sign displays *⌚*, then the date can be entered with the format MMDD.
 - ex. Feb. 24 would be entered as 0224 (only valid dates are accepted).
- Press **OK** to save date and move on to year.
 - Sign displays *⌚*, then the year can be entered with the format YY starting at 2000.
 - The max year that can be entered is 2099.
- Press **OK** to save year and return to the *USER* menu.

Sign On / Off Timer:

Used to turn the sign off at night and on in the morning. To keep the sign on 24 hours a day set both the *ON* and *OFF* times to 0.

- Enter *USER* menu.
- Press **↑** then **5** to enter the Sign On / Off Timer sub menu.
 - Sign displays *ON* for a short period, then the time when the sign will turn on in 24 hour format HHMM.
- The selected digit will flash.
- Update the time by pressing buttons **0** - **9** on the remote.
 - When a number (0 - 9) is pressed, the next digit is selected.
 - After the last digit in the time is updated, the first is selected again.
- Press **OK** to save the time.
 - Sign displays *OFF* for a short period, then the time when the sign will turn off in 24 hour format HHMM.
- Press **OK** to save the time and return to the *USER* menu.

Sign Bright Timer:

This controls when the sign changes between day and night light levels. If the sign should not change light levels, set both *brH* and *brL* to 0, and use Night Light Level to control the sign's brightness.

- Enter *USER* menu.
- Press **↑** then **6** to enter the Sign Bright Timer sub menu.
 - Sign displays *brH* for a short period, then the time when the sign switches from Night Light Level to Day Light Level in 24 hour format HHMM.
- The selected digit will flash.
- Update the time by pressing buttons **0** - **9** on the remote.
 - When a number (0 - 9) is pressed, the next digit is selected.
 - After the last digit in the time is updated, the first is selected again.
- Press **OK** to save the time.
 - Sign displays *brL* for a short period, then the time when the sign switches from Day Light Level to Night Light Level in 24 hour format HHMM.
- Press **OK** to save the time and return to the *USER* menu.

Manual Light Level:

Used to override the current light level set by the timers and turns the sign lights on and off. These changes do not take effect until sign exits the *USER* menu and is displaying prices

- Enter *USER* menu.
- Press **↑** then **7** to enter the Manual Light Level sub menu.
- Press **0** to change between *AUTO*, *DAY*, *NITE*, and *OFF*.
 - *AUTO* - Sets light level according to the timers.
 - *DAY* - Sets light level to day and turns the sign lights off.
 - *NITE* - Sets light level to night and turns the sign lights on.
 - *OFF* - Blanks out sign and turns sign lights off (Sign is not powered off, typing user code will still take the sign to the *USER* menu).
- Press **OK** to save the Manual Light Level and return to *USER* menu.
 - Manual Light Levels do not take effect until the sign returns to displaying prices.

Day Light Level:

Day Light Level is the sign brightness when the sign is in day mode.

- Enter *USER* menu.
- Press **↑** then **8** to enter the Day Light Level sub menu.
- The selected digit will flash
- Update the light level by pressing buttons **0** - **9** on the remote.
 - Valid light levels are between 00 – 99.
 - When a number (0 - 9) is pressed the next digit is selected.
 - After the last digit in the light level is updated, the first is selected again.
- Press **OK** to save light level and return to *USER* menu.

Night Light Level:

Night Light Level is the sign brightness when the sign is in night mode.

- Enter *USER* menu.
- Press **↑** then **9** to enter the Night Light Level sub menu.
- The selected digit will flash.
- Update the light level by pressing buttons **0** - **9** on the remote.
 - Valid light levels are between 00 – 99.
 - When a number (0 - 9) is pressed the next digit is selected.
 - After the last digit in the light level is updated, the first is selected again.
- Press **OK** to save light level and return to *USER* menu.

User Menu Navigation Summary:

Type User Code to Enter
User Menu

User Code _ _ _ _

- OK** Save & Advance
- OK** **OK** Exit User Menu
- ↑** **1** Set Price(s)
Type New Price
- ↑** **2** Enable/Disable
Products
- ↑** **4** Set Clock (24hour)
time: *EH* HHmm
date: *Ed* MMdd
year: *EY* YY
- ↑** **5** Sign On/Off Timer
on HHmm *OFF* HHmm
- ↑** **6** Sign Bright Timer
Day: *b-rH* HHmm
Night: *b-rLo* HHmm
- ↑** **7** Manual Light Level
- ↑** **8** Day Light Level
Range:00 - 99
- ↑** **9** Night Light Level
Range:00 - 99