Operator's manual

LED Gas price changer

MCLICKPLUS CO. LTD.

Contents

1. Introduction

The LED Gas Price Changer is very convenient product that Gas price can be very easy changed from an indoor or outdoor location using the wireless terminal at office. This gives you easy to work as well as eliminating the need to manually change plastic signs

Features

Power (Operating Voltage): 120 V AC / 240V AC Available
Operating Temperature   : -40° to 120° F / -40° to 50° C
Character Heights   : Choose from a large Range of character
                           heights 8" to 48"
Full Numeric Values   : 3 digit number with a decimal point and a
fraction
LED Viewing Angle   : 90° and 140°
Communication   : Wireless terminal - up to 1 Km (line of sight)
                           Frequency Bandwidth - 433.92MHz
                           Modulation – FSK
                           Baud rate – 1200 BPS
LED Color   : Red, Green, Amber (Option)
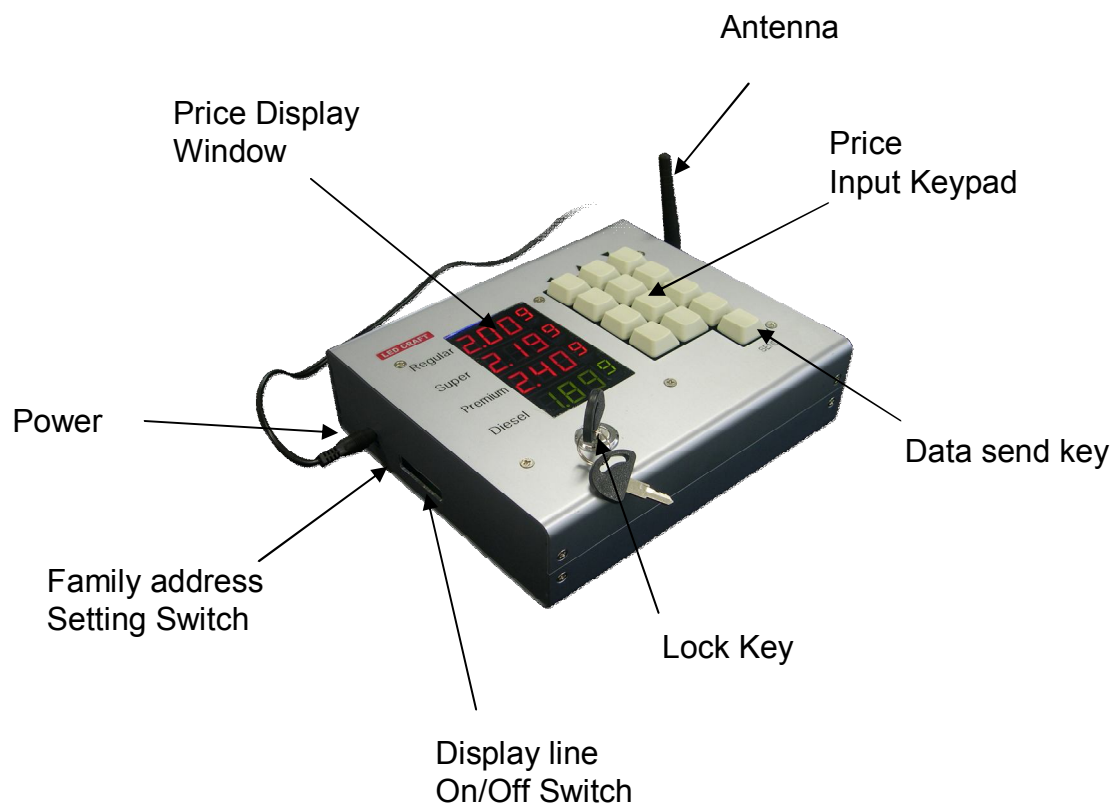Warranty   : 1 Year

Note
Communication Protocol between Console and Displayer
STF 1byte 0x7e
Id   1byte 0xid
Data length 1byte 0xnn
Data nn byte   0xXX,0xXX,,
Crc 1byte 0xXX.
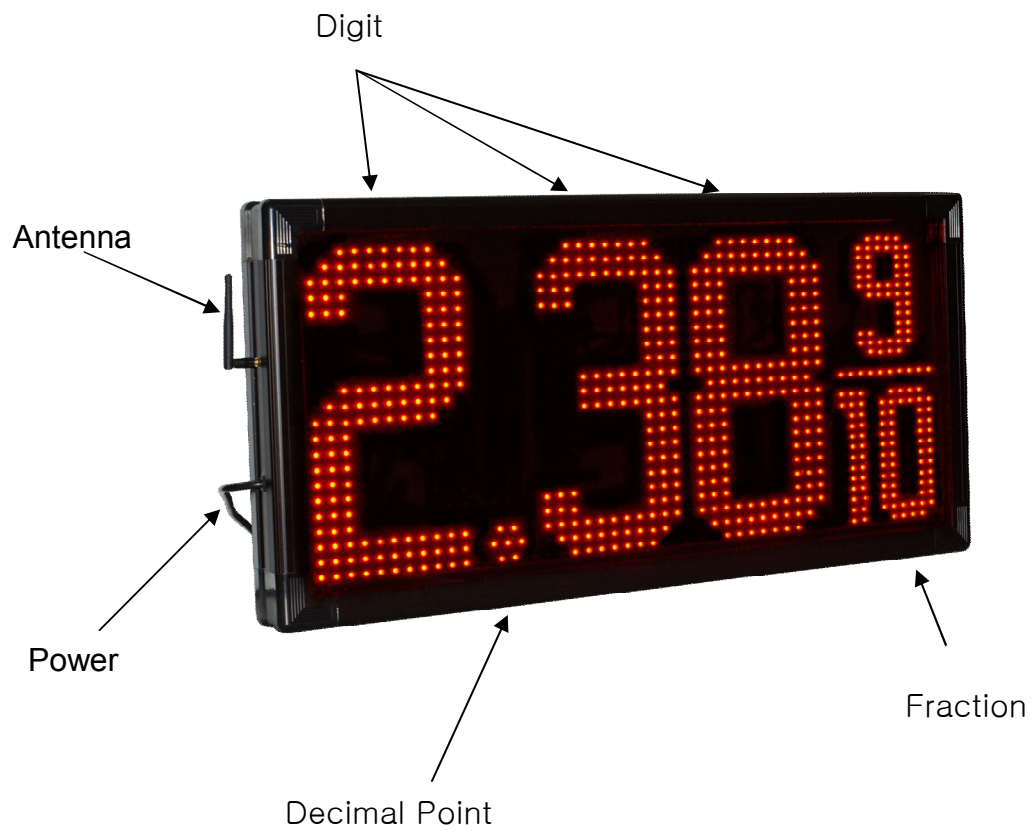EDF 1byte 0xe7

 * FCC Menual Information requirement

 Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
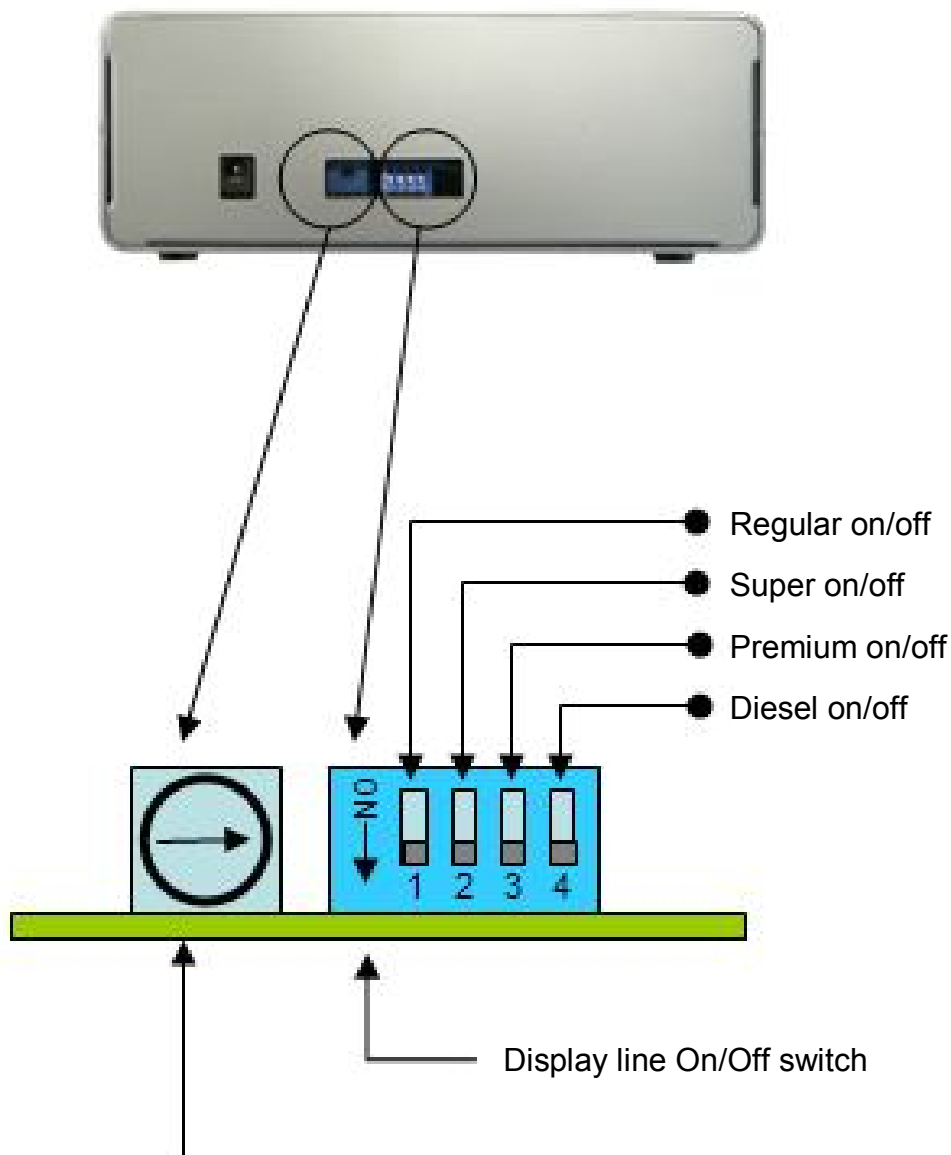
2. Console

Antenna

Price Display
Window

Price
Input Keypad

Power

Data send key

Family address
Setting Switch

Lock Key

Display line
On/Off Switch

Power adapter

3. LED Displayer

Digit

Antenna

Power

Decimal Point

Fraction

4. Console Settings

Regular on/off

Super on/off
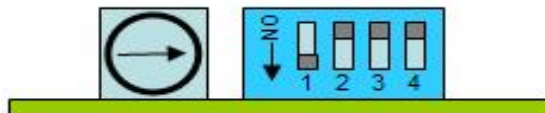
Premium on/off

Diesel on/off

NO

1 2 3 4

Display line On/Off switch

Family Address Switch choose one from 0 ~ F.
Choose one from "Zero" to "F".
Both Console and LED displays should use
the same address.
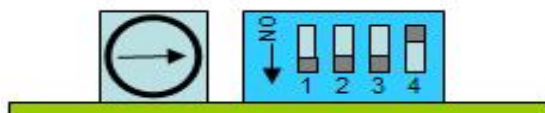
5. Select display line
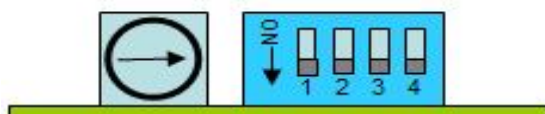
"1" is 'on" for Regular line "on"

"1" and "2" are 'on"
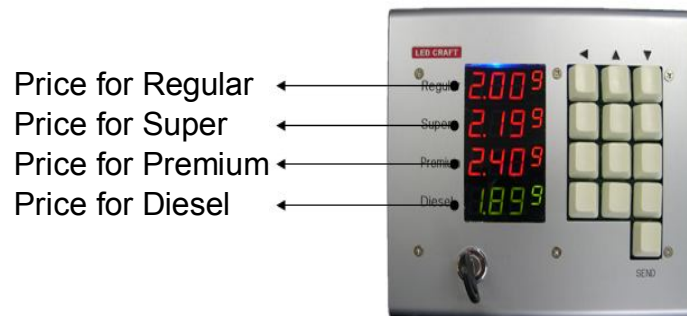for Regular / Super lines "on"

"1" and "2", "3" are 'on"
for Regular / Super/
Premium lines "on"

"1" and "2", "3","4" are 'on"
for Regular / Super/
Premium /Diesel lines "on"

6. Price Display Window

Price for Regular ←
Price for Super ←
Price for Premium ←
Price for Diesel ←

7. Price Change

"Red" position disables any key input.

Each price can be changed using the keys on a same line.
① Select a digit using "◄" Key
② Increment a digit number using "▲" key
③ Decrement a digit number using "▼" key
Whenever push a keypad, beep sounds.

After setting Prices, use "SEND" key to change the price
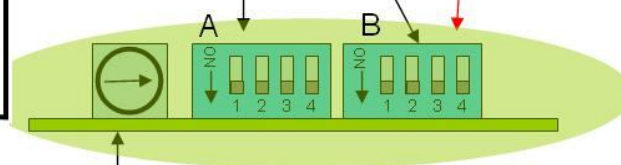on the LED displays.

8. LED Display Board Setting

Gas Grade Selection

LED brightness
selection

Brightness	"A" DIP Switch 1	2	3	4
Auto	Off	X	X	X
Manual	On	X	X	X
07 (Lower)	X	On	On	On
06	X	Off	On	On
05	X	On	Off	On
04	X	Off	Off	On
03	X	On	On	Off
02	X	Off	On	Off
01	X	On	Off	Off
0(Higher)	X	Off	Off	Off

Sort of Gas	"B" DIP Switch 1	2	3	4
Regular	On	Off	Off	Off
Super	Off	On	Off	Off
Premium	Off	Off	On	Off
Diesel	Off	Off	Off	On

A   B

Family Address Switch (0 ~ F)
The same address as set in
the console should be use.

9. Settings for installing multiple sets

In case of installing multiple LED display boards within a Gas station,
LED displayer for the same sort of Gas have the same address.