The light emitting panels developed by Realtrace can provide customers with useful information such as welcome messages, opening hours, or information messages such as promotions on products or information on vaccinations.

Eight custom messages can be recorded using a remote control.

Associated with V8BT or RT 250 reader it can also show the number of the ISO "chip" implanted in an animal and read by the V8BT reader, which can prove useful in veterinary clinics or at dog shows.

**Characteristic of the display with integrated Bluetooth:**
- Number of characters displayed: 20
- Eight custom messages can be recorded using a remote control or an Android mobile phone.
- Measurements: L: 103cm, H: 11cm, D: 2.5cm
- The panel can be wall mounted or placed on a counter top.
- Many display modes: constant, with vertical or horizontal scrolling, etc.
- Power Supply: 5V, 3A (supplied with the unit).
- Comes with remote control for programming the messages.
- Built-in Bluetooth.
- There is a switch on the side that turns off the display *, two buttons and a mini USB connector for connecting the power. The buttons are used to change the pre-recorded messages from 1 to 8.

Note: the display is switched on using the side button, while viewing or switching off are done using the ON / OFF button on the remote.

*If you turn off the display by means of the side button you will need to re-match your reader.*
Viewing the ISO number of a chip read by the Reader

Turn on the display (button 1) and press the red button on the remote control (on/off), select the language (English or French) by using the "<" button and then turn on the V8BT reader to proceed with matching the BT of the display with the reader. For easier matching it is highly recommended that you do not have any other Bluetooth enabled devices in the vicinity of the display.

Note: If several devices are in the immediate vicinity and have Bluetooth enabled, the panel will detect these devices it will display the MAC address of each of them, forcing the user to try each of these devices to validate that of the V8BT reader which complicates matching.

Activate Bluetooth mode for the * reader (see reader manual). A blue LED flashes indicating that Bluetooth is enabled.
If the panel is blank press the ON button on the remote.
The following message is displayed

**Widetrace**

Press the CAP button on the remote control to initiate the matching process.
The following message is displayed stating that the display is searching for the V8BT reader:

**BT Search**

As soon as the display finds the V8BT player Bluetooth it displays:

**BT 1 Found**

If it shows Found: 1, 2, 3 ... this means that there are several devices in the vicinity of the display*.

In the event the BT1 Found message is displayed, press SPA on the remote.
The following messages are displayed:

**BT connection**

then:

**Connecting**

The flashing blue V8BT reader LED becomes constant, indicating that matching has been performed correctly.

The display panel is then ready to receive the message from the reader. Each reading of an ISO chip will be transmitted for display on the panel and will remain displayed for one minute before returning to the selected pre-recorded message.

While a message is being displayed, any new chip reading will be displayed immediately on the panel for one minute.
To exit the display of the chip number press 'Esc'

* Tips for easy matching:
1 / Disable all Bluetooth devices during the phase of matching the reader, such as the PC or mobile phone.
2 / Do not turn off the V8BT otherwise it will be necessary to re-match. The V8BT can work for more than 48 hours with Bluetooth enabled*
3 / Switch off the display using the red button on the remote. If you switch off the display using the side button on the unit you will need to run matching with the reader again.

* The 'Time out', i.e. the display time of a chip number before switching off the reader is 1 minute by default. To use a reader with the display panel we advise you to change the 'Time out' of your reader so that it is always on.
You can get the PC tool to do this, free of charge by logging on to:
http://download.realtrace.com/V8-Timeout.exe
The reader can remain on with Bluetooth enabled for more than 48 hours before the battery will need charging.

**Programming messages using the remote control**

It is possible to programme 8 messages and display them in different ways by using the MET button;
To schedule and record messages:
1 / Press the 'PROG' button
2 / Select the message number by pressing buttons 1 to 8.
If you entered 1 the panel will display:

<table>
<thead>
<tr>
<th><strong>Enter message 1</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>3 / Press the 'ENT' button</td>
</tr>
<tr>
<td>The screen will turn black</td>
</tr>
<tr>
<td>4 / Enter the message using the remote control buttons:</td>
</tr>
<tr>
<td>- For capital letters and special characters use the 'ALT' key</td>
</tr>
<tr>
<td>- To insert a space use the 'CLR' button</td>
</tr>
<tr>
<td>- To correct a character use the 'DEL' button</td>
</tr>
<tr>
<td>5 / Press the 'ENT' button to finish entering the message.</td>
</tr>
<tr>
<td>The panel displays:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Message 1 saved</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>6 / Press 'ESC' to exit programming mode</td>
</tr>
<tr>
<td>7 / The 'NEXT' button is used to change the display brightness (1 to 15)</td>
</tr>
<tr>
<td>8 / The 'MET' button can change the different ways to display messages, horizontal scrolling, vertical fixed, etc.</td>
</tr>
</tbody>
</table>

**Note:** the panel frame is metal, for correct functioning of the infrared remote control it is necessary to position it more than one metre from the panel and point the remote control toward the left side of the display.
Never enter otherwise you will have to start the matching sequence again after turning off. The black keys are not used.