

To enter OBP using the R-net Dongle:

- Turn off the control system.
- Connect the Dongle either between any of the system modules or into any spare communications connector.
- Turn on the control system.
- Use the Mode button to step to the OBP mode.

While the Dongle remains connected, the Mode button can be used to sequence through all system Modes and to return to OBP Mode.

The following parameters are available for adjustment within OBP. Within the OBP parameter tree, there is a branch called Omni. This branch contains the parameters shown below. The default settings for all these parameters are also shown below. Refer to the R-net OBP user guide for details of how to program using this method. Those marked with * are relevant to advanced use and you should read the Advanced Section of this document before making adjustments.

I.I.I OBP Parameter List

Global

Sip and Puff	
Calibrate	<i>Test Function</i>
Puff Threshold	50%
Sip Threshold	50%
Deadband	10%
Puff Ramp Up	0.30s
Puff Ramp Down	0.30s
Sip Ramp Up	0.30s
Sip Ramp Down	0.30s
Double Click	2xSoft
Double Click Time	1.0s
Active Double Click	<i>Test Function</i>
Scan Speed	1.0s
Sleep 12V	On

Profiled

Port	1
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Port 1 / 2

SID	<i>Proportional</i>
Switches	
User Switch	<i>Normally Closed</i>
Switch Detect	<i>On</i>
9-way Detect	<i>Off</i>
Switch Long	<i>1.00s</i>
Switch Medium	<i>1.00s</i>
Switch Debounce	<i>100ms</i>
Double Click	<i>0.30s</i>
Active Double Click	<i>Test Function</i>

Controls

User Control	<i>Menu</i>
Return to	<i>Drive</i>
Timeout to Menu	<i>0s</i>
Menu Nav	<i>Normal</i>
Menu Scan Rate	<i>0s</i>
Auto-Repeat	<i>Off</i>
F/R Auto Toggle	<i>Off</i>
F/R Auto Tog Time	<i>2.00s</i>
Actuator Select	<i>SID</i>
Actuator Axes	<i>Normal</i>

User Menu

Position	
Position 1	<i>Md 2</i>
Position 2	<i>Md 1</i>
Position 3	<i>Md 1</i>
Position 4	<i>SAdj</i>
Position 5	<i>Md 3</i>
Position 6	<i>Md 4</i>
Position 7	<i>Md 5</i>
Position 8	<i>Md 6</i>
Position 9	<i>Md 7</i>
Position 10	<i>Blank</i>
/	
Position 16	<i>Blank</i>
Position Type	
Position 1	<i>Entry</i>
Position 2	<i>Entry</i>

Position 3	Select
Position 4	Select
Position 5	Entry
Position 16	Entry

Beeps

Profile Change*	Short
Mode Change*	Short
User Menu Entry*	Short
Menu Scroll*	Short
Profile Id#*	Off
Axis Id# *	Off
Position 1*	0
Position 16*	0

Port 2 All Parameters as per Port 1

Settings

Set Time	Current Time
Display Time	24Hr
Backlight	100%
Background	Auto (Available mid-2007)

Training Mode

Fwd Inhibit	No
Rev Inhibit	No
Left Inhibit	No
Right Inhibit	No

1.2 Handheld Programming

From 2008, the Omni will be programmable via the R-net Handheld Programmer. Refer to the R-net Handheld Programmer user guide for further details of how to program using this method.

1.3 PC Programming

The Omni can be programmed using the R-net PC Programmer. Within the PC Programmer parameter tree, there is a branch called Omni. This branch