

Intermod

GPIO88

USB GPIO Interface

User Manual

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Introduction

What it is

Why you might use it

Installation

Configuration

Appendices

Appendix A - Connector Pin Assignments

Pin assignment details of the of the D37 connector. Do not apply voltage to either input pins. + and GND pins should be shorted together ie relay closure,

Outputs are normally open relay closures.

Function		Pin
In 1	+	1
	GND	20
In 2	+	2
	GND	21
In 1	+	3
	GND	22
In 1	+	4
	GND	23
In 1	+	5
	GND	24
In 1	+	6
	GND	25
In 1	+	7
	GND	26
In 1	+	8
	GND	27
Out 1	a	9
	b	28
Out 2	a	10
	b	29
Out 3	a	11
	b	30
Out 4	a	12
	b	31
Out 5	a	13
	b	32
Out 6	a	14
	b	33
Out 7	a	15
	b	34
Out 8	a	16
	b	35

Appendix B - Command line commands

Typing help or ? at the prompt will list all available commands.

```
GPIO88>HELP
GPIO88>?
VER
DEBUG
TESTGPI
SETGPO
SHOWGPIO
SETCH
SETOMNI
SETOFF
SHOWMIDI
RESET
```

VER

```
GPIO88>VER -h
```

DEBUG

```
GPIO88>DEBUG -h
```

TESTGPI

```
GPIO88>TESTGPI -h
```

SETGPO

```
GPIO88>SETGPO -h
```

SHOWGPIO

```
GPIO88>SHOWGPIO -h
```

SETCH

```
GPIO88>SETCH -h
```

SETOMNI

```
GPIO88>SETOMNI -h
```

SETOFF

```
GPIO88>SETOFF -h
```

SHOWMIDI

```
GPIO88>SHOWOMNI -h
```

RESET

```
GPIO88>RESET -h
```

Appendix C – Specification

Dimensions

It has some dimensions

Weight

It has some weight

Power

It uses power

GPI

It has some of these

GPO

And some of these too

Misc

Some other things