



**HV Sistemas S.L.**

*Trustworthy radio data transmission*

## Repeater tone panel P8008-8TP



The P8008-8TP is a tone panel for controlling communitary radio repeaters, compatible with a wide range of repeaters in the market, easy to install and with great versatility in its configuration.

It incorporates a powerful digital signal processor which filters the audio signal, after taking out the subtone, determines its frequency and generates the new transmission subtone.

### Useable CTCSS frecuencies

| Code | Frec. (Hz) | Code           | Frec. (Hz) | Code | Frec. (Hz) | Code | Frec. (Hz) | Code | Frec. (Hz) |
|------|------------|----------------|------------|------|------------|------|------------|------|------------|
| XZ   | 67.0       | ZA             | 94.8       | 3B   | 131.8      |      | 171.3      | M1   | 203.5      |
| WZ   | 69.3       | ZB             | 97.4       | 4Z   | 136.5      | 6A   | 173.8      | 8Z   | 206.5      |
| XA   | 71.9       | 1Z             | 100.0      | 4A   | 141.3      |      | 177.3      | M2   | 210.7      |
| WA   | 74.4       | 1 <sup>a</sup> | 103.5      | 4B   | 146.2      | 6B   | 179.9      | M3   | 218.1      |
| XB   | 77.0       | 1B             | 107.2      | 5Z   | 151.4      |      | 183.5      | M4   | 225.7      |
| WB   | 79.7       | 2Z             | 110.9      | 5A   | 156.7      | 7Z   | 186.2      | 9Z   | 229.1      |
| YZ   | 82.5       | 2 <sup>a</sup> | 114.8      |      | 159.8      |      | 189.9      | M5   | 233.6      |
| YA   | 85.4       | 2B             | 118.8      | 5B   | 162.2      | 7A   | 192.8      | M6   | 241.8      |
| YB   | 88.5       | 3Z             | 123.0      |      | 165.5      |      | 196.6      | M7   | 250.3      |
| ZZ   | 91.5       | 3 <sup>a</sup> | 127.3      | 6Z   | 167.9      |      | 199.5      |      | 254.1      |

### Specifications\*

|   |   |
|---|---|
| Number of different networks            | 8                                       |
| CTCSS input tone                        | Independently selectable                |
| CTCSS output tone                       | Independently selectable                |
| AF frequency response (input to output) | Better than 300 to 3500 Hz @ -3dB       |
| AF input level                          | 100 to 2000 mV                          |
| AF output level                         | 0 to 750 mV                             |
| Carrier detect input voltage range      | 3 to 40 Vdc                             |
| Carrier detect input polarity           | Active low                              |
| PTT control output type                 | Open collector, 25V 100mA max           |
| PTT control output polarity             | Active low                              |
| Data port                               | RS232C, three wire, 2400 bps            |
| Power supply voltage                    | 8 to 16 Vdc                             |
| Power supply current                    | 250 mA aprox                            |
| Operating temperature range             | -10 to +70 °C                           |
| Size                                    | 124 x 76 x 32 mm (excluding connectors) |

\* Specifications subject to change without notification

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