

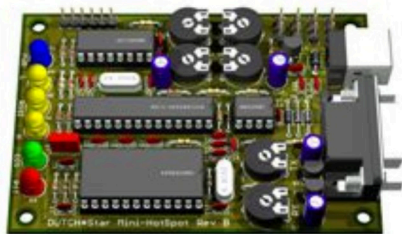
Gm340 - Gm360 and the Mini HotSpot



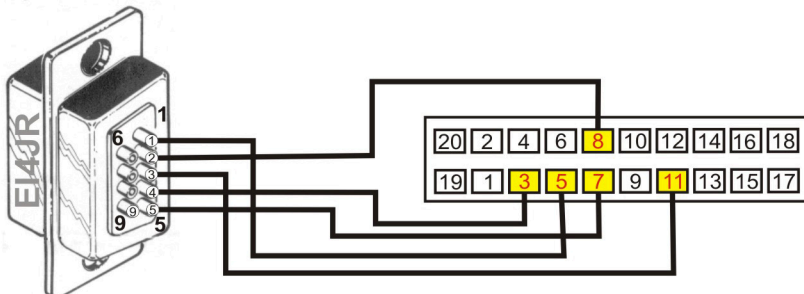
GM340



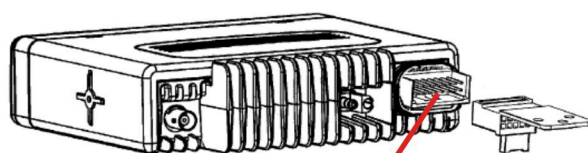
GM360



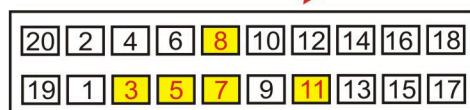
The Mini-HotSpot Board



- 1) Speaker -
- 2) External mic
- 3) **Digital in 1 (ext.PTT use external mic/data PTT use flat Tx audio)**
- 4) Digital out 2 (external alarm)
- 5) **Flat Tx audio, sensitivity 150mV rms to 60% deviation**
- 6) Digital in 3
- 7) **Ground**
- 8) **Digital in/out 4 (COR)**
- 9) Digital in 5 with wakeup (emergency)
- 10) Digital in 6 with wakeup (ignition)
- 11) **Flat/filtered Rx audio**
- 12) Digital in/out 7
- 13) Switched battery voltage (max.1A,dropout voltage max. 1V)
- 14) Digital in/out8
- 15) **RSSI (radio signal strength indicator)**
- 16) Speaker +
- 17) BUS + (used for CFPS and Flash)
- 18) BOOT control
- 19) Reserved
- 20) Reserved



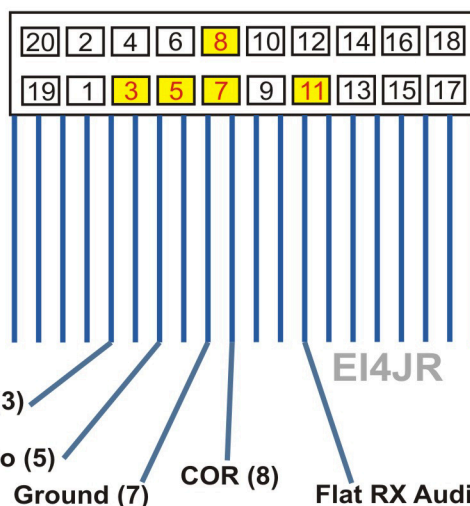
EI4JR



The position of pins goes: upper pins from left to right: 20,2 4,6,8,10,12,14,16,18
bottom pins from left to right : 19,1,3,5,7,9,11,13,15,17,

Make your own Facilities cable.

See photos below of an old computer ribbon cable used to connect to a hard drive. Simply cut / File to size. Take care when cutting so as the wires don't pull away from the connector. Hot gun glue works well to cover and seal the connection.



This worked for me. I hope you have the same success

Peter EI4JR

GM340 - Gm360 Programming



GM340



GM360

R03.09.03_EN Programming software used
These are the settings that I used

Per Radio Miscellaneous

Memory and Power Up Channels | Timers | Microphone | Vox

Global | Display and Keypad | Prefix

Language: English

Option Board Type: No Option Board

Rx Audio (Accessory Connector): Flat Unsquelched

Radio ID: 00000000

☐ Enable Radio Lock Radio Lock Password: 00000

☐ Handset Audio

☐ Ignition Sense

☐ Ignition Override

☐ Single Status List

☐ Test Mode Disable

Fast Vote RSSI Level (dBm) (-120 .. -70, 1): -70

Start Scan RSSI Level (dBm) (-120 .. -70, 1): -100

Close Help

Per Radio GP I/O Lines

Accessory Package: General I/O Package

Pin #	Function	Active Level	Debounce Enable
3	Data PTT	Low	<input type="checkbox"/>
4	Disabled	Low	<input type="checkbox"/>
6	Disabled	Low	<input checked="" type="checkbox"/>
8	Carrier Detect	High	<input type="checkbox"/>
9	Disabled	Low	<input checked="" type="checkbox"/>
12	Disabled	Low	<input checked="" type="checkbox"/>
14	Disabled	Low	<input checked="" type="checkbox"/>

Accessory Power Up Delay (ms) (0 .. 6300, 100): 500

Accessory Debounce Duration (ms) (50 .. 750, 50): 100

Close Help

Per Personality-1 of 1

TX/RX | Squelch | Miscellaneous | Audio | PTT | S5 Encode | S5 Decode

☐ Voice Pre-emphasis/De-emphasis

☐ Signalling Pre-emphasis/De-emphasis

☐ Inhibit X-PAND On/Off Selection

☐ X-PAND

☐ Low Level Expansion

1 of 1

Close Help

Per Personality-1 of 1

TX/RX | Squelch | Miscellaneous | Audio | PTT | S5 Encode | S5 Decode

Rx Squelch Mode: Carrier Squelch

Monitor 1 Squelch Mode: Carrier Squelch

Channel Change Squelch Mode: Rx Squelch Mode

☐ Reverse Squelch

☐ PL Override

1 of 1

Close Help

Per Channel-1 of 16

TX/RX | Display | PL/DPL | Miscellaneous

TX Frequency (MHz): 145.33750

... Reference Frequency: Automatic

RX Frequency (MHz): 145.33750

... Reference Frequency: Automatic

Channel Spacing: 12.5 KHz

Power Level: Low

☐ Noise Blanker

1 of 16

Close Help

Per Channel-1 of 16

TX/RX | Display | PL/DPL | Miscellaneous

Encode PL Type: Disabled

Encode DPL Code: 023

Encode PL Code: 22 / 110.9 Hz

... Encode PL Frequency (Hz): 110.9

☐ PL Reverse Burst / DPL TOC

Decode PL Type: Disabled

Decode DPL Code: 023

Decode PL Code: 22 / 110.9 Hz

... Decode PL Frequency (Hz): 110.9

1 of 16

Close Help