

## Technical Note TN-2745c-SR

### TP8100 Portable Conventional Firmware v1.12.00

### TP8100 Portable MPT1327 Trunked Firmware v2.13.00

4 November 2019

This Technical Note details the release of TP8100 Firmware due to obsolescence of the LCD and the subsequent update of the LCD Driver.

- TP8100 Conventional Firmware **v1.12.00**
- TP8100 MPT1327 Trunked Firmware **v2.13.00**

This Firmware is still supported by the existing Applications:

- TP8100 Programming Utility **v2.15** (USA users)
- TP8100 Programming Utility **v2.16** (for all users except in USA)

TP8100 portable radios built after the first Serial Numbers noted below will not display if Firmware build (including Custom versions) is used as these do not contain the new LCD driver software.

#### First Serial Numbers With New LCD

TP8110 Conventional Firmware v1.12.00	S/N <b>25987239</b>
TP8115 Conventional Firmware v1.12.00	S/N <b>25987247</b>
TP8120 Conventional Firmware v1.12.00	S/N <b>25988812</b>
TP8135 MPT1327 Trunked Firmware v2.13.00	S/N <b>25986582</b>
TP8140 MPT1327 Trunked Firmware v2.13.00	S/N <b>25986662</b>

Older radios will only display correctly with Conventional Firmware up to v1.11.00 or MPT1327 Firmware up to v2.12.00.

#### Custom Firmware TP8100

CSD have secured a very small amount of the old LCD's for any repairs through the Global Repair Centre but if new radios are ordered the Custom Firmware will need to be updated and so a quote should be requested through TELSE.

**T03-10118-5002** - TP8100 Spares Kit Control Board Star Ground (CSD)

This Spares Kit contains the old LCD (008-00037-00) for repairing Customized Firmware TP8100's.

#### Standard Firmware TP8100

**T03-00118-5213** - TP8100 Spares Kit Control Board Star Ground

This Spares kit contains the new LCD (008-00037-10) for repairing Standard TP8100's. Consequently Firmware will need to be upgraded.

## LCD Part Codes

Old LCD:	IPN 008-00037-00	LCD fstn 72x16 dot w/drvr
New LCD:	IPN 008-00037-10	LCD fstn 72x16 dot w/drvr-02

## Publication Information

<b>Related Documentation</b>	TN-1843-SR – TP8100 Firmware (Conv) v1.11 and (MPT1327) v2.12 TN-1887-SR – TP8100 Programming Utility v2.15 and v2.16			
<b>Compliance Issues</b>	None.			
<b>Compatibility Issues</b>	None.			
<b>CSO Instruction</b>	Inform all service staff and dealers of the released information.			
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<b>Distribution Level</b>	Associate.			
<b>Document History</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>	<b>Author</b>
	-	6 March 2018	First Serial Numbers	G Brenchley
	b	20 November 2018	Updated with Spares Kit part codes	G Brenchley
	c	4 November 2019	Added context around Firmware/display match	G Brenchley