

TM8100 Radio Current Specifications

Radio Body supply current:	VHF (B1) (136-174MHz)	VHF (D1) (216-266MHz)	UHF (H5) (400-470MHz)	UHF (H6) (450-530MHz)	COMMENTS
Off: Hardware links 1,2,3 fitted. No hardware links fitted.	1.4mA 0.4mA				IGN sense pulled low.
Radio Standby:	28mA				H/W links 1,2,3 fitted
Receive Standby: Basic ¹ Basic scanning ²	86mA 88mA	81mA 83mA	76mA 78mA	76mA 78mA	H/W links 1,2,3 fitted
Receive Active: Minimum volume ³ 3W audio. 10W audio	136mA 480mA 1.5A				
Transmit: High Medium Low Very Low	4.4A 2.9A 2.0A 1.1A	4.3A 2.8A 1.9A 1.0A	5.2A 3.4A 2.3A 1.2A	5.5A 3.5A 2.4A 1.2A	
TM811x control head current:					
No illumination Backlighting Per function key LED Busy indicator LED Scan LED	0.2mA 10.3mA 1.6mA 3.1mA 2.6mA				Head connected to radio torso. Specs refer to incremental current drawn from radio torso primary 13.8V supply.

Note: All specs quoted at +25degC, Vs=13.8V. These are typical figures. Specifications are subject to change without notice & shall not form part of any contract – issued for guidance purposes only.

1. No RF signal. Audio muted. Sub-audible and Selcall enabled. Noise squelch. Averaged across the band.
2. No RF signal any channel. Audio muted. All signalling disabled. Noise squelch. Full band scan.
3. Audio PA on.