

MSA Cairns® XF1 Fire Helmet Headset, PTT and Radio Combinations

There are two Cairns XF1 Fire Helmet headset/mic models (right ear speaker and dual speaker models, P/Ns GA010002H3 and GA010002H3A, respectively) that integrate seamlessly, bringing incoming sound right to the ear. The headset are wired and work with either headset and the Handycom PTTs as noted below.

Handycom PTT (P/N 10163388) is designed for compatibility with the Motorola APX6000/7000. The M7 Motorola connector on these radios is the same as on the following radios, and therefore these Motorola radios may also work with this PTT:

APX	DP	DGP	MTP	XPR	XiR
1000	3400	4150	850 S	6100	P8620
2000	3401	5050	830 S	6300	P8628
3000	3600	5550		6350	
4000	3601	6150		6380	
6000	4400	8050		6500	
6000XE	4401	8550		6550	
7000	4600			6580	
7000L	4601			7350	
7000SE	4800			7380	
8000	4801			7550	
				7580	

Handycom PTT (P/N 10163389) is designed for compatibility with the Motorola XTS5000. The M3 Motorola connector on these radios is the same as on the following radios, and therefore these EF Johnson and Motorola radios may also work with this PTT:

EF Johson	Motorola					
EF3	GP	HT	JT	MT/MT	PR	XTS
5000	900	1000	1000	1500	1500	1500
5100	9000			2000		2250
7700 (series)				S2000		2500
51SL				X8000		3000
511X				X838		3000 Astro
512X				X9000		3500
514X				X900		5000
518X				X960		
AN/PRC-127EF Series				X-LS		

NOTE: While these radios should be compatible with either Handycom PTT, as indicated, field testing must be conducted to ensure connection viability, as electrical parameters can be different in various radios, affecting performance.

Other combinations are possible, but those would have to be tested by MSA. In most cases, the connector on either the headset or PTT would have to be verified or changed (and a new P/N required).