



3M™ PELTOR™ FL7000 Series Push-to-Talk Adapter

Product Description

The 3M™ PELTOR™ FL7000 PTT has been designed for dual communications utilizing multi-channel or two single-channel radios. The PTT offers a small footprint, simple, rugged, non-powered design for durability and reliability in harsh environments.



Multi-Comm Operation

Two separate buttons allow for communication on two single channels, or one multi-channel radio.

Audio Management (Select models)

Audio switch enables users to select between two options.

- Mix: Radio communication(s) are heard in both left and right ear.
- Single: Radio communications will be split between the left and right ears.

End User Device (EUD) Interface

Select adapter models connect to an EUD for data communication via separate EUD cable.

Attachment Options

PTT can be secured to the body using a rotatable clip, fixed clip or zip tie loops.

Technical Data Specifications

Table 1: Interface Options

Headset Interface	5-pin Amphenol® Nexus® or 10-pin TAC, Amphenol® Nexus®
Radio Download Interface	Various (model dependent)
EUD Interface (select models)	Various (model dependent)

Table 2: General

Radio Download Cable Length	Standard: 650 mm (model dependent)
PTT buttons	Standard: 2 (model dependent)
Attachment Clips (included)	Rotatable Attachment Clip (TKD5011/SP) or Fixed Attachment Clip (TKD8003/1)
Audio Management (select models)	Single or mixed via toggle switch

Table 3: Military Test Standards

Environmental Performance	Tested in accordance with applicable sections of MIL-STD-801H
Electromagnetic Interference	Tested in accordance with applicable sections of MIL-STD-461G

Table 4: Approvals

EMC Directive 2014/30/EU	Yes
ROHS Directive 2011/65/EU	Yes

Table 5: Physical Characteristics

Size, excluding cable(s)	Approximately 55mm x 80mm x 30mm
Color	Black
Housing Material	PA

Table 6: Environmental Characteristics

Operating Temperature	-40°F / -40°C to 131°F / 55°C
Storage Temperature ≤72h	-67°F / -55°C to 159.8°F / 71°C
Storage Temperature >72h	-4°F / -20°C to 104°F / 40°C
Product Lifetime	5 years, in room temperature
Saltwater Survivability	Salt water (5%) 2M at 30 min
Ingress Protection	IP68

Table 7: Storage Conditions

Recommended Storage Conditions	5 years: Indoor Controlled Climate (<90% humidity)
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Models and Accessories

Table 8: FL700 Models

Part Number	SAP ID	Radio	Headset Interface	EUD Interface
FL705-163-EUD12	7100338747	AN/PRC-163	5-pin	12-pin
FL705-163	7100339143	AN/PRC-163	5-pin	No
FL705-152A-02	7100339163	2 x AN/PRC-152A	5-pin	No
FL705-APX7000	7100338746	1 x hardwired Motorola APX7000, 1 x jack for specified radios (cable not inc.)	5-pin	No
FL705-148C	7100339138	AN/PRC-148C (11 pin)	5-pin	No
FL705-163-EUD12-X	7100338707	1 x hardwired AN/PRC-163, 1 x jack for AN/PRC-152 (cable not inc.)	5-pin	12-pin
FL710-163-EUD6	7100338875	AN/PRC-163	10-pin	6-pin
FL710-950-EUD6	7100338845	TrellisWare TW-950	10-pin	6-pin
FL710-SYNAPS	7100378153	Thales SYNAPS	10-pin	No
FL710-163	7100378095	AN/PRC-163	10-pin	No

Table 9: Detachable Cables for FL705-APX7000

Part Number	SAP ID	Radio
SCU-FL114	7100324855	Motorola R7, MXP600
SCU-FL063	7100228537	Motorola APX Series, XPR Series & More
SCU-FL101	7100231760	SEPURA STP

Table 10: Detachable Cable for FL705-163-EUD12-X

Part Number	SAP ID	Radio
SCU-FL040	7100227451	AN/PRC-152

Warranty and Important Notice

Warranty

The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office.

Important Notice

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All SKUs may not be available for order at launch.



Personal Safety Division

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3M PSD products are
occupational use only.

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