

3M Occupational Health & Environmental Safety Division
Motorsport Solutions

PELTOR™

The Sound Solution



Champions
Choice

3M

Protective Racing Helmets

BSI-approved helmets

Helmets approved according to BSI (BS6658-85 type A/FR red). Manufactured of Tricomp (a composite of fibreglass, polyaramide and carbon fibre) with an interior of fireproof Nomex. Built-in hearing protector cups that attenuate ambient noise, which improves communication and comfort. Can be ordered with the Peltor communication set, with quick-adjusting, ambient noise-compensated microphones.

Peltor™ Protective Racing Helmet Peltor™ Performance G78* GR



G78* VI

Peltor Performance is an ultra light professional rally helmet. Weighing in at only 1000 g + - 50 g, (including HANS anchors, excluding communication set), it represents a milestone in the development of rally helmets. With its low weight, it reduces the strain on the driver's neck muscles. Manufactured of Tricomp (a composite of fibreglass, polyaramide and carbon fibre) with an interior of fireproof Nomex.

Built-in hearing protector cups that attenuate ambient noise, which improves communication and comfort. Peltor Performance is BSI approved and available with HANS post anchors and Peltor's high quality communication set.

PELTOR PERFORMANCE G78* VI

Colour: White; Weight: 1000 g (with hearing protector cups)

Size: S (55–56), M (57–58), L (59–60), XL (61–62)

Art. no. with communication set and HANS, G78*-D-H VI

Art. no. without communication set with HANS, G78*-H VI

Art. no. without communication and HANS, G78* VI

Art. no. with communication set without HANS, G78*-D VI

Boat, snowmobile and rescue

Signal red boat helmet for action at sea. Manufactured of Tricomp (a composite of fibreglass, polyaramide and carbon fibre) for minimum weight and maximum protection. Extra waterproof interior and built-in hearing protector cups that attenuate ambient noise, which improves communication and comfort. Can be ordered with the Peltor communication set, with quick-adjusting, ambient noise-compensated microphones.

Peltor™ Protective Racing Helmet Peltor™ G10*-02 VI

G7*-02 RC

Colour: Signal red; Weight: 1,200 g

(1,400 g complete with communication set)

Size: S (55–56), M (57–58),

L (59–60), XL (61–62)

Art. no. with communication set G7*-02-D RC.

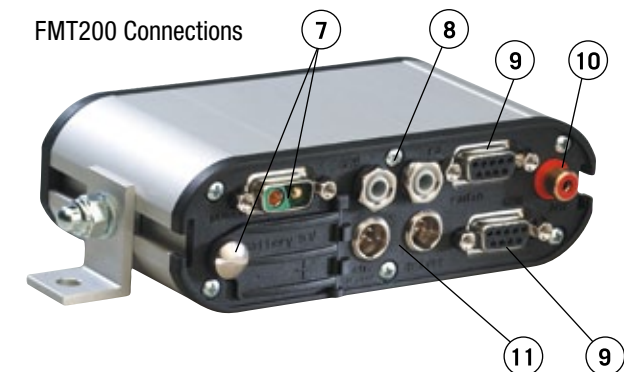
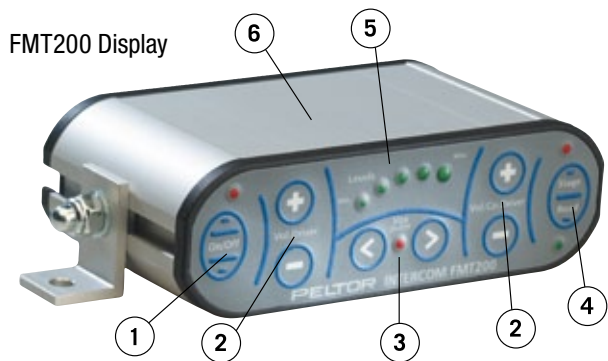


Peltor™ Rally Intercom



Peltor™ FMT200 Rally Intercom

The Peltor FMT200 Rally Intercom is the result of over 20 years' experience in rally competition and close collaboration with several world-leading rally teams. It was designed to minimise interfering noise from other electronics in the car and maximise audibility and communication ability in the extreme environment of a rally car. The Peltor FMT200 can also be connected to a communication radio, GSM telephone or an audio output signal for video.



FMT200 Product Description

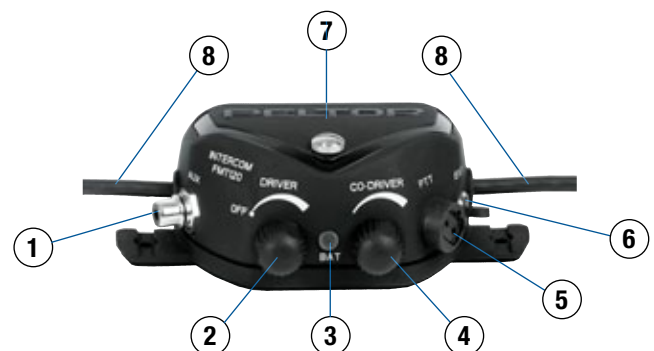
- 1) On/Off key
- 2) Separate volume regulation for the driver and navigator
- 3) VOX function, which can be used during inter-stage routes and to minimise noise in the system.
- 4) Stage/Road key. In Road mode (inter-stage) it allows full communication via a GSM telephone and a com radio, and in Stage mode (special stage) it closes to external communication and reduces the driver's microphone level by 10 dB.
- 5) Volume and VOX level LED
- 6) Aluminium box with a front and back of jointed plastic to minimise electronic interference.
- 7) Power supply by 9-V battery or connection to the car battery (cord included)
- 8) Signal adjuster for GSM telephones and com radios
- 9) Jacks (9-pin) for GSM telephones and com radios
- 10) Output for audio signal for video
- 11) Headset/helmet jack

FMT120

- The Peltor FMT120 Intercom provides a full duplex connection with extremely high sound quality
- The audio output (AUX) enables sound recording of the communication between driver and co-driver
- An attenuation switch to change the driver's microphone sensitivity, which is set 10 dB lower than the co-driver's as standard
- Separate volume controls for driver and co-driver
- LED indicator for On/Off and low battery
- EXT connection for mobile phone or communication radio
- Connection for push to talk (PTT) button
- Compatible with Peltor G78 rally helmet
- Possible to switch between dynamic and electret microphone

Technical Data Specifications

Power:	12V power from car
Alternative Power:	9V Alkaline battery
Operating time:	10h with 9V battery
Weight:	354g (with 9V battery)
	416g (with 9V battery, inner packaging and manual)



FMT120 Product Description

- 1) AUX connection
- 2) Volume control, driver
- 3) LED indicator
- 4) Volume control, co-driver
- 5) PPT connection
- 6) EXT connection
- 7) Battery lid
- 8) Connection to headsets or helmets

Peltor™ Motorsport Solutions

Circuit Pit Crew Communication

Peltor™ Dect-Com II™



- Full duplex wireless intercom
- Up to 9 users simultaneously speaking in full duplex conference. All others are "listen only" in the conference
- Hand free VOX operation or PTT
- Possible to connect auxillary equipment, like a communication readio
- Peltor standard headsets, Tactical XP headsets, and light weight headsets with J11 can be connected to DECT-Com II
- Range up to 250m in line of sight

Peltor™ DECT-Com™ II is only sold through authorized Peltor™ DECT-Com™ II dealers

Peltor™ Direct Lead Headsets



- Headsets with a direct connection to various communication radio units
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design
- Built-in PTT (push to talk) button on the left ear cup

Description

Direct lead ICOM/Alinco
 Direct lead ICOM angled plug
 Direct lead ICOM angled with screw
 Direct lead Kenwood
 Direct lead Motorola GP300 / CP040
 Direct lead Motorola GP340 / GP380
 Direct lead Motorola MTP850 / MTH800
 Direct lead Mobilphone / Dectphone 2.5 mm
 Flex headset (see page 65.)

Product code

MT53H79A-31
 MT53H79A-35
 MT53H79A-95
 MT53H79A-36
 MT53H79A-21
 MT53H79A-32
 MT7H79A-96
 MT53H79A-28
 MT53H79A-77



Peltor™ Headsets



- The standard headset can be connected to various communication radio units with adapters (FL50**)
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design

Description

J11. Dynamic microphone, 230 ohm, Black
 J11. Dynamic microphone, 230 ohm, White

Product code

MT7H79A
 MT7H79A 78-VI

Peltor™ Adapters

Product code	Communication radio
FL5001	Peltor™ "standard"
FL5005	Ericsson Freeset, Tateco CTS900 (2.5 mm plug)
FL5010	ICOM IC, Alan, Zodiac (straight connector), Yaesu, Alinco
FL5011	Dittel FSG 4, FSG 5
FL5017	Motorola Visar (GP344, GP388 with Motorola's adapter PMLN4455A)
FL5018	Motorola GP900, HT1000, MT2000
FL5019	Motorola Expo, Maxon Slim line
FL5030	Motorola GP340, GP320
FL5034	ICOM IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT (angled connector)
FL5035	Kenwood TK3101, Funkey
FL5042	Nokia TETRA THR880/ EADS TETRA THR880i
FL5044	ICOM F31/F41 F51/F61

Product code	Communication radio
FL5058	Sapura TETRA SRP2000 / SRH3*00
FL5061	Sailor SP3510, SP3520
FL5062	Motorola TETRA MTH800 / MTP850
FL5063	Motorola Mototrbo
FL50-T9088	ICOM IC-M1 / M71
FL50-T9121	ICOM IC-A5 /A23
FL50-T9139	ICOM IC-F34/F44
FL50-T9140	Vertex VX 160 / 400
FL50-T9143	Motorola GP344 / 388
FL50-T9148	Vertex VX 820, 920
FL50-T9150	Vertex HX370



Peltor™ Tactical XP Headsets



- Level dependent function that protects you from harmful noise but at the same time lets you hear ambient sound; conversation, warning signals etc.
- The Tactical XP Headset can be connected to various communication radio units with adapters (FL50**)
- Microphone with effective noise compensation for clear and reliable communication
- High attenuating shells with optimised acoustic design
- Also available with **Bluetooth**, for wireless connection to communication radio, DECT- or mobile phones

Description

Headband, J11
 Headband, **Bluetooth**

Product code

MTMT1H7F2-07
 MTMT1H7F2WS3

Peltor™ Motorsport Solutions

Circuit Pit Crew Communication

Peltor™ Lite-Com III™ Headsets

Built-in Two-way Communication Headset



- Available in two versions; with 8 channels in the PMR 446 MHz band or with 69 channels on the LPD 433 MHz band (A users license may be required)
- On the PMR channels 38 subchannels allow several user groups to communicate without listening to other groups on the same channel
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation etc
Sudden impulse noise at harmful levels are immediately attenuated
- An electronic voice in the receiver tells you the settings of the device
- LCD display to visualize advanced and standard settings
- Separate PTT button for the auxiliary input, where a cellular phone, a com. radio, or other audio source can be connected
- Unused, Lite-Com III switches off automatically to save the batteries

Accessories

Description

Rechargeable battery
Charger EU
Charger UK

Product code

ACK03
FR03-EU
FR03-UK

Description

LPD 433 MHz
LPD 433 MHz
PMR 446 MHz
PMR 446 MHz
Dyn. Mic PMR 446 MHz
Dyn. Mic LPD 433 MHz

Product code

MT53H7A430B
MT53H7B430B
MT53H7A440B
MT53H7B440B
MT7H7A440B
MT7H7A430B

Peltor™ Lite-Com Pro™ Headsets

Programmable Built-in Two-way Communication Headset



- Programmable for communication on max. 30 channels in the 400-470 MHz band (A users license may be required)
- Approved for use in environment with danger of explosion
ATEX approved (Ex) II 1 G EEx ia IIC T4)
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation etc.
Sudden impulse noise at harmful levels are immediately attenuated
- An electronic voice in the receiver tells you the settings of the device
- Unused, Lite-Com Pro switches off automatically to save the batteries

Description

Programmable 430-470 MHz (dynamic mic)
Programmable 430-470 MHz (electret mic)
Programmable 400-430 MHz (electret mic)

Product code

MT7H7F470-50
MT53H7F470-50
MT53H7F403-50

Accessories

Description

Battery charger
Rechargeable battery
External PTT

Product code

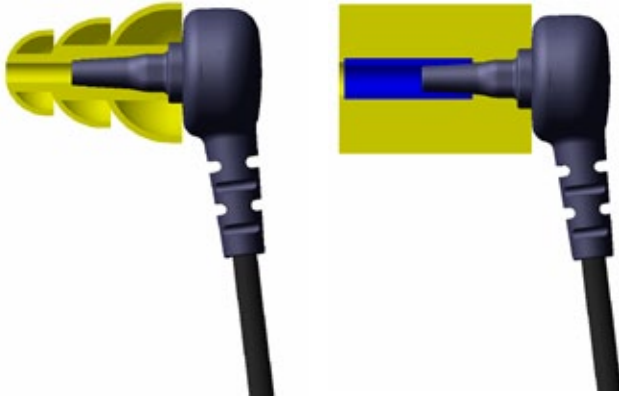
FR05
ACK05
FL5602-50

Lite-Com™ Pro is only sold through authorized Peltor™ Lite-Com™ Pro dealers

Peltor™ Motorsport Solutions Driver in-ear Communication



Peltor™ Racing Communication Plugs



- High quality in-ear speakers with noise attenuating plugs
- Small size for comfortable use with Motorsport helmets
- CE-approved according to EN 352-2:2002 and EN 352-6:2002
- Plugs are replaceable for hygienic reasons
- Comes with two different types of ear plugs - Classic and Ultrafit
- RCA plug for quick blind mounting
- Connect to Peltor Intercom or straight to Comm. radio
- Can also be used with throat mic. and FL50** PTT



Description

Racing Comm Plugs full face helmet Kit
 Racing Comm Plugs open face helmet kit
 Racing Comm Plugs
 20 pairs of Classic comm. plugs
 20 pairs of Ultrafit comm. plugs

Product code

MT63-FL6Y
 MT3N-FL6Y
 HTM042
 PELTIP21-01
 PELTIP11-01

Contains

in-ear speakers, microphone, y-cable, 2x4 plugs, clip
 in-ear speakers, microphone, y-cable, 2x4 plugs, clip
 in-ear speakers, 2x4 plugs, clip

Cables

ICOM IC-F110
 ICOM straight connector
 ICOM angled connector
 Motorola GP300
 Motorola GP340
 Motorola GM350
 Kenwood 6-pole
 Kenwood 8-pole
 Kenwood portable
 Mobile phones (extra adapter TAH**)

Product code

FL9MK-01
 FL9MB-01
 FL9MB-01V
 FL9MC-01
 FL9MD-01
 FL9MJ-01
 FL9MH-01
 FL9MI-01
 FL9MA-01
 FL6-08

PTT

PTT with large button
 PTT with small button

Product code

TK52
 TK57-01/1

Peltor™ Motorsport Solutions Pit Crew Communication Solutions-Simplex

Team Co-ordinator

Uses the Peltor™ Lite-Com™ III or the Peltor™ Lite-Com™ Pro in the pit, connected to an external communication radio with FL6BR and an FL50** adapter. Takes care of all pit activities via the Peltor™ Lite-Com™ and when necessary conveys information to the driver on the higher-powered external equipment, which has a wider range.



Lite-Com™ III



Lite-Com™ Pro



Flex cable



FL50** Adapter



Communication Radio

Engineer

Uses the Peltor™ Lite-Com™ III or the Peltor™ Lite-Com™ Pro and keeps in touch with everyone in the team with same equipment or communication radios on the same frequency.



Lite-Com™ III



Lite-Com™ Pro

Mechanics

Can hear communication in the pit via a portable communication radio connected to a listen only headset. Alternatively, they use a Peltor™ Lite-Com™, with or without a microphone, for wireless communication.



HTB79A + Communication Radio



Lite-Com™ III



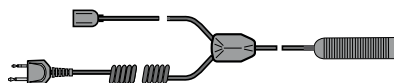
Lite-Com™ Pro

Driver

Uses in ear communication plugs, cable, and PTT connected to a communication radio.



TK57-01/1



FL9M**-01



Communication Radio



MT63-FL6Y

Peltor™ Motorsport Solutions

Pit Crew Communication Solutions-Duplex

Team Co-ordinator

Uses DectCom II with a standard or Tactical XP headset in the pit. An external communication radio is connected with a cable. Takes care of all pit activities via the DectCom and when necessary conveys information to the driver on the higher-powered external equipment, which has a wider range. DectCom II enables full duplex conference within in team when necessary.



Engineer

Uses the DectCom II with a standard or Tactical XP headset and keeps in touch with everyone in the team with same equipment.



Mechanics

Uses the DectCom II with a standard or Tactical XP headset and keeps in touch with everyone in the team with same equipment.

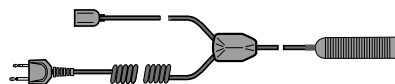


Driver

Uses in ear communication plugs, cable, and PTT connected to a communication radio.



TK57-01/1



FL9M**-01



Communication Radio



MT63-FL6Y

Peltor™ Motorsport Solutions

Other Safety Equipment

Other safety equipment



Peltor NEXT earplug
Art no. PN-01-001 (200 pairs)



Earband
Art no. EB-01-000



Peltor "KID"
Art no: H510AK-442-GB
Art no: H510AK-442-RE

Safety glasses



FUEL
Brutally tough. Fuel High-Performance safety glasses are made of high-density nylon material for impact, torsion and extreme heat resistance.

FUEL Art. nr
71502-00001CP Indoor/Outdoor
71502-00002CP Blue mirror
71502-00003CP Red mirror
71502-00004CP Bronze



Metaliks Sport
Hypoallergenic metal frames with saddle type nosepiece, adjustable in height for perfect fitting. De-centered Polycarbonate twin lens, strongly curved for superior eye coverage and optimal field of vision.

Metaliks Sport Art. nr
71461-00001CP Clear
71461-00002CP Yellow
71461-00003CP Blue mirror



Force 3
Includes 3 sets of interchangeable gasket lenses for ultimate versatility. Composite coated lenses for scratch resistance and unyielding UV protection. Sleek, stylish frames with Torsion-lock® temples. A-force® engineered lenses for extreme safety. Complete with soft microfiber storage bag and lanyard. Meets ANSI Z87.1 Industrial safety requirements

Force 3 Art. nr
71502-10000C Indoor/Outdoor,
71502-00004CP Blue mirror
Red mirror
Bronze

3M™ Marcus Grönholm™ Spectacles

Marcus Grönholm is the most talented Finnish rally driver who has achieved great success throughout his established career including 2 WRC World Championships in 2000 and 2002.

2006 also saw Grönholm become the most successful Finnish driver in the history of the WRC with victory in the season's final round. With this he also became the sports third most successful driver in history after claiming his 25th WRC victory!!

- Hypoallergenic metal frames with adjustable nosepiece
- Formable rubber tipped temples for extra comfort and adjustability.
- Flat temples with spring hinges to wear under helmet.
- De-centered Polycarbonate twin lens, deeply curved for superior eye coverage and optimal field of view.



Product code
71462-00001CP
71462-00002CP
71462-00003CP

Lens type
PC - Clear - Hardium+
PC - Bronze - Hardium+
PC - Blue - Mirror

Protection
UV
UV - Blue light
Solar - Glare

Peltor™ Motorsport Solutions Cables & Accessories



Lite-Com III cords

AL3H-T0268	Icom, Zodiac, Maxon etc
AL3BT-T0268	Motorola GP300
AL3CX-T0268	Motorola GP340
AL3H-01-T0268	Icom angled connector
TA950869A-T0268	Motorola Visar
FL6CS	Mobile phone 2.5 mm
FL6CT	Walkman 3.5 mm

Y cords for communication radio

FL9MA-01	Kenwood TK3101, TK260/270/360/370
FL9MB-01	Icom, Zodiac, Maxon etc.
FL9MC-01	Motorola GP300, GP340 via Motorola adapter
FL9ME-01	Zodiac Small-Talk
TK52	Speech button, Velcro attachment, 2 m Y22

Mobile phone station adapter

FL9EH	Motorola GM350/950 adapter, without PTT
FL9EJ	Motorola GM900 adapter, without PTT, int/ext connector
FL9-T9118	IC F310*/410* mobile station, modular
TK52	Speech button, Velcro attachment, 2 m Y22

*Switching required for some Icom mobile stations

FMT200 cords

FL4E	Icom IC-F hand-held com radio
FL4F	Mobile phone 2.5 mm
FL4-T0277	Icom IC F310*/410* mobile station, modular
FL4-T0283	Kenwood mobile station, 6-pole modular
FL4-T0283A	Kenwood mobile station, 8-pole modular
FL4-T0292	Motorola GM350, GM340
J119-01	D-sub contact GSM/com radio

*Switching required for some Icom mobile stations

Communication set for racing, rallycross etc.

MT9	Throat mike
TAMT01	Gooseneck mike J22
ML1A-T0261	Branching cord for the MT9, TAMT01 and stereo earphone

Adapter cord for mobile phone

FL6-08	Adapter cord/mobile telephone
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Fits all mobile phones with a 2.5-mm, 3-pole jack for a portable handsfree kit. Compatible with headsets like the MT7H79A 78-VI.

MT63 and MT632 communication sets

- Easy to adapt to most helmets
- Ambient noise-compensated, fast-adjusting mike for optimal positioning (3–5 mm from the lips).



MT63



MT632

Hygiene kits

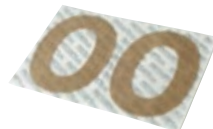
Hygiene kit – HY79

Easy-to-replace hygiene kit for headsets, consisting of two attenuation cushions, two foam rings and snap-in ear cushions.



Clean single-use protectors – HY100A

A single-use protector that is easy to apply to the earcushions. Packages of 100 pairs.



Hygiene kit – HY63-01

Easy-to-replace hygiene kit for helmets with hearing protector cups, consisting of two attenuation cushions and snap-in ear cushions.



Mike Protector, protective tape – HYM1000

Single-use microphone protectors. Moisture and wind-tight, hygienic. Package of 5 metres, approx. 50 replacements.



Helmet accessories

Helmet case VT612

Padded helmet case. Black with embroidered Peltor logo



Touring visor for G6, G7 and G78*

VT35 SV	Touring Visor for G7 and G78 helmets
VT42 VI	White standard visor for G78 helmet
VT31 VI	White standard visor for G7 helmet





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