

# MTM5000 SERIES TETRA TWO-WAY MOBILE RADIO

The MTM5000 Series TETRA mobile radios are sleek and durable and packed with features that have become essential for safe and effective operations. These include End-to-End Encryption and features that enable ease of operation in the most demanding situations such as high audio quality, high receiver sensitivity, an intuitive keypad, and a high-definition colour display.

The MTM5000 series mobile radios support a wide range of applications and installation options including: fixed control room, vehicle, motorcycle and custom installation.

#### MTM5000 SERIES BENEFITS

- Extended Operational Range
- Superior Audio Performance
- Low User Migration Costs
- Enhanced End-to-End Encryption Options
- Location Services
- Advanced Terminal Management
- Flexible Installation Options
- Rugged Design with Exceptional Reliability





## **MTM5000 SERIES SPECIFICATIONS**





Commercial color for the site of the color	MTM5400					MTM5500		
Compact path (and for price in the effect, seed story with regressed telephologopalers A. Manage Permanent Control Indead (11, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record count blood (14, 568 for with milipia resource record resource blood) (14, 568 for with milipia resource record resource blood) (14, 568 for with milipia resource record resource blood) (14, 568 for with milipia resource record resource blood) (14, 568 for with milipia resource record resource blood) (14, 568 for with milipia resource and milipia resource record resource blood) (14, 568 for with milipia resource and milipia resource record resource blood) (14, 568 for with milipia resource and milipia resource record resource blood) (14, 568 for with milipia resource and milipia resource record resource blood) (14, 568 for with milipia resource and milipia resource	MODELS - COM	PLIANT WITH DIN 754	490 (ISO 773 <u>6</u> )					
Uniform arrige of executions is a facility of the property of	Dash		Compact radio for	fast vehicle installationN.A.				
Multiple Transcriver or Central Head  Missign Framework or Central Head  Missign Frame	Desk		Compact radio, for use in the office. Ontional range of accessories such as desk tray with integrated loudspeakerN			Α.		
Statistics Transcriver or Control Head  Facility Transcriver or Expansion  Facility Transcr	Multiple Remote Contr	rol Head						
Minutrysise  Septiment and Taudanan*  MINESSO Dimensions 14 to V 1 D  Megich Topical (g) MINESSO DIMENSIONS 14 Topical (g) MINE	·							
Espacial had "Galaber"  ATTM-5400  MTM-5400  MTM-5400  MTM-5400  MTM-5500  M	<u>'</u>	T CONTROL HEAD				abilityRange of installation optionsenable use in cars, vans andother vehicles		
Expension bend "Cautabote"  MIM-5400 Dimensions 9 x W x D (min)  Flampsoner & Control  Min School Deals / Deals Moont  Transponer & Control  Deals / Deals Moont  Transponer & Control  Deals / Deals Moont  Transponer & Control  Deals / Deals Moont  Transponer & Spension  Deals / Deals / Deals Moont  Transponer & Spension  Moont  Transponer & Spension  Transponer & Spension  Deals / Deals Moont  Transponer & Spension  Transponer & Sp	Motorcycle		Suitable for dema	nding environments such as m	notorcycle, N.A.			
MIMS-600   Dimensiones H x W x D   Weight Typical (g)   MIMS-500   Dimensiones H x W x D   Weight Typical (g)   MIMS-500   Dimensiones H x W x D   Weight Typical (g)   MIMS-500   N.A.	Expansion head "Datab	box"	fire appliance and marine installations					
Transcrience & Control III Modelle Dimensione Half W 10 Meight Typical (g) MTMS500 Dimensione Half W 10 Weight Typical (g) MTMS500 Dimensione Half W 10 Weight Typical (g) MTMS500 NA.    Provided District Control Head   60 x 188 x 198   1,500 NA.   N.A.	OFNEDAL			nadio Williodi a	control neady for data applica	arons, or customisea a	ppineation acresopment	
Transcriere & Control Read Remote Control Read South Residency September 1911 (g) 10 x 188 x 138 1,500 N.A.    Transcriere & Expansion Remote Control Read South Remote Re	GENERAL			Discoursians H. W. D.			Discoursians H. W. D	
Dash / Desk Mount  Dash / Desk Control Head  Dash / Desk Desk / Desk Control Head  Dash / Desk Desk / Desk Desk /			MTM5400		Weight Typical (g)	MTM5500		Weight Typical (g)
Dash / Desk Mount  Dash / Desk Control Head  Dash / Desk Desk / Desk Control Head  Dash / Desk Desk / Desk Desk /		Taranasiana A. Cantusl						1
Remote Mount  Remote Control Head  Remote Remote Control Head  Remote Remote Control Head  Remote Remote Control Head  Remote Re	Dash / Desk Mount			60 x 188 x 198	1,500		N.A.	
Remote Mount  Remote Mount  Remote Control Head  Re		Dash / Desk Control Head		60 x 188 x 31	230		N.A.	
Remote Mount    PFT Control Head				45 x 170 x 185	1117	-	45 x 170 x 196	1330
Telephone Syle Control Head  As x 170 x 194  Telephone Syle Control Head  As x 170 x 194  Telephone Syle Control Head  As x 170 x 194  Tansceiver & Expansion Head  As x 170 x 194  Tansceiver & Expansion Head  As x 170 x 194  Tansceiver & Expansion Head  As x 170 x 194  Tansceiver & Expansion Head  As x 170 x 194  Tansceiver & Expansion Head  As x 170 x 194  Tansceiver & Expansion Head  Tans	Remote Mount	Remote Control Head		60 x 188 x 39	300		60 x 188 x 39	330
Databox  Transceiver & Expansion Head  Transceiver & Expansion Head  Transceiver & Expansion Head  USER INTERFACE & DISPLAY  Jagonal dimension, 28**  Type/Sci- 604-800 pixels, 65,000 colours  Scientification Laboratory  Transceiver & Expansion Head  USER INTERFACE & DISPLAY  Jagonal dimension, 28**  Type/Sci- 604-800 pixels, 65,000 colours  Scientification Laboratory  Scientification Laboratory  Scientification Laboratory  Transceiver & Scientification  User interface & Action mode (90 pixels, 4.5mm high) characters  Scientification Laboratory  Scientification Laboratory  Scientification Laboratory  Interface & Sandard & Zoolm mode (90 pixels, 4.5mm high) characters  Scientification Laboratory  Scientification Laboratory  Scientification Laboratory  International Repairs devisions Homan, Analytic Cyrillic, Knoreal, Chinese, Taiwanese characters  Justicos & KeypadProgrammable function keys 3 programmable function keys (plus 10 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys (plus 10 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys 3 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys (plus 10 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys (plus 10 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys 4 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys 4 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable function keys 4 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable numeric keys)  Justicos & KeypadProgrammable function keys 3 programmable numeric keys)  Justicos & KeypadProgrammable function k	nemote mount	IP67 Control Head		60 x 188 x 39	320		N.A.	
USER INTERPACE & DISPLAY  Jagonal dimension2.8*  Jagonal dimension2.				N.A.			220 x 65 x 75	450 (excluding cable)
Jagonal dimension 2.8"   Jayon VA - 6.04x80 pixels, 65,000 colours  Selbight Variable backlight, User configurable ont sizes Standard & Zoom mode (90 pixels, 4.5mm high) characters  SCHAN. Available versions (Roman, Arabic, Cyrillic, Korean, Chinese, Faivanese characters  lumerichtegral backlit numeric keypad of 12 keys, with keypad lock option	Databox		Tocac	45 x 170 x 194	1201	[64 vC	45 x 170 x 196	1330
y go y CA - 640 x 80 pixel, 5 c, 5,000 colours  Selfin Navaiable backlight, User configurable ont sizesStandard & Zoom mode (90 pixels, 4.5mm high) characters  SCHN. A Available as option International keypad versions (Roman, Arabic, Cyrillic, Korean, Chinese, Taiwanese characters Intunors & KeypadProgrammable function keys3 programmable function keys (plus 10 programmable numeric keys)  lavingation-4 way analygation key, menu and soft keys mergency finergency button with backlight hontrustister configurable shortcuts to menus and common features using "One-Touch-Button" feature totary Dual Function Talkgroup and volume change with lock option indication LEDT-Catiour LED— ones Configurable notification tones size Interface Standard Optionskrabic, Chinese Simplified, Chinese Traditional, Croatian, Danish, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Lithuanian, Agaedginan, Mongalin, Norweglan, Portuguese, Russian, Spanish, Swedish file defined User programmable, using ISO 8859-1 character allored to user negronalish, using ISO 8859-1 character allored to user negronalish, using ISO 8859-1 character allored to user negronalish user negronalish using ISO 8859-1 character allored to user negronalish user negronalish using ISO 8859-1 character allored to user negronalish using ISO 8859-1 character allored to user negronalish users negronalish user negronalish user negronalish user negronalish user ne	USER INTERFA	CE & DISPLAY						
thortcutsUser configurable shortcuts to menus and common features using "One-Touch-Button" feature totaryDual FunctionTalkgroup and volume change with lock option  dicationLDTri-colour LED onesConfigurable notification tones  seer Interface Standard OptionsArabic, Chinese Simplified, Chinese Traditional, Croatian, Danish, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Lithuanian, Agcetonjan, Mongolian, Norwegian, Portuguese, Russian, Spanish, Swedish  See definedUser programmable, using ISO 8859-1 character  allored to user needs AlenuMenu Shortcuts Alenu Configuration ontact ShanagementCellular Type ontact Listly to 1,000 contacts  Up to 6 numbers per contact, Max 2,000 numbers Alultiple Dalling MethodsUser selects how to dial asst/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button  Alultiple Bing TonesConfigurable with (PS Alessage Manager Cellular Type ext message list 20  Italian Istad Dist of 20 groups Discrete ModeAlf Control Heads Tatus List ADO  Jountry/Network Code List 100 Tatan Istad Dist of 20 groups Discrete ModeAlf Control Heads Tatan Istad Dist of 20 groups Discrete ModeAlf Control Heads Tatan Istad Dist of 20 groups The Company of the Seet Control Heads Tatan Istad Dist of 20 groups The Company of Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist of 20 groups The Code Cist 100 Tatan Istad Dist 100	LypeVGA - 640x480 pixe BacklightVariable backli Font sizesStandard & Zo TSCHN.A.Available as op NumericIntegral backlit International keypad ve Buttons & KeypadProgra Navigation4-way naviga	els, 65,000 colours ight, User configurable om mode (90 pixels, 4.5mm hig otion numeric keypad of 12 keys, with rsions1Roman, Arabic, Cyrillic, k ammable function keys3 prograr tion key, menu and soft keys	h keypad lock option Korean, Chinese, Taiw		eric keys)			
Seer Interface Standard OptionsArabic, Chinese Simplified, Chinese Traditional, Croatian, Danish, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Lithuanian, Ageedonian, Norwegian, Norwegian, Portuguese, Russian, Spanish, Swedish  Seer Office Option, Mongolian, Norwegian, Portuguese, Russian, Spanish, Swedish  Seer Office Option, Norwegian, Norwegian, Portuguese, Russian, Spanish, Swedish  Seer Office Option, Norwegian, Norwegian, Norwegian, Italian, Korean, Lithuanian, Ageedonian, Norwegian, Italian, Morean, Lithuanian, Ageedonian, Norwegian, Italian, Morean, Lithuanian, Ageedonian, Norwegian, Italian, Ageedonian, Norwegian, Italian, Morean, Lithuanian, Ageedonian, Norwegian, Italian, Norwegian, Lithuanian, Ageedonian, Norwegian, Lithuanian, Ageedonian, Lithuanian, Ageedonian, Norwegian, Lithuanian, Ageedonian, Lithuanian, Lithuanian, Ageedonian, Lithuanian, Lithuanian, Lithuanian, Lithuanian, Lit	shortcutsUser configurable shortcuts to menus and common features using "One-Touch-Button" feature lock application of the state of the							
Aggedonian, Mongolian, Norwegian, Portuguese, Russian, Spanish, Swedish Sief definedUser programmable, using ISO 8859-1 character aliored to use needs AlenuMenu Shortcuts Alenu Configuration Contacts ManagementCellular Type Contact ListUp to 1,000 contacts Up to 6 numbers per contact, Max 2,000 numbers Aultiple Dialling MethodsUser selects how to dial asst/Flexible Call Response Private Call Response to a Group Call via One Touch Button Aultiple Ring TonesConfigurable with CPS Alessage ManagerCellular Type ext message list 20 ntelligent Keypad Text InputAll Control Heads tatus list 400 Country/Network Code List100 Gran lists 401 Country/Network Code List100 Gran lists 00 groups Siscrete ModeAll Control Heads Fiscrete Savergif image & text (any user's selection) Finitersal Time DisplayAll Control Heads Fiscrete Savergif image & text (any user's selection) Finitersal Time DisplayAll Control Heads Fiscrete Savergif image & text (any user's selection) Finitersal Time DisplayAll Control Heads Fiscrete Savergif image & text (any user's selection) Finitersal Time DisplayAll Control Heads Fiscrete Savergif image & text (any user's selection) Fiscrete Savergif image & tex								
### Additional Control Heads #### Additional Control Heads #### Additional Control Heads #### Additional Control Heads ####################################	User Interface Standard OptionsArabic, Chinese Simplified, Chinese Traditional, Croatian, Danish, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Lithuanian,							
ailored to user needs AenuMenu Shortcuts AenuMenu Shortcuts Aenu Contiguration Contacts ManagementCellular Type Contact ListUp to 1,000 contacts Ip to 6 numbers per contact, Max 2,000 numbers Aultiple Dialling MethodsUser selects how to dial ast/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button Aultiple Ring TonesConfigurable with CPS Allessage ManagerCellular Type ext message list 20 ntelligent Keypad Text InputAll Control Heads diatus list 400 Country/Network Code List100 Country/Network Code List100 Coan lists40 lists of 20 groups Discrete ModeAll Control Heads Coreen Savergif image & text (any user's selection) Iniversal Time DisplayAll Control Heads Coreen Savergif image & text (any user's selection) Iniversal Time DisplayAll Control Heads Coreen Savergif image & text (any user's selection) Country Network Code List100 Country Network Cod	Macedonian, Mongolian, Norwegian, Portuguese, Russian, Spanish, Swedish							
Menu Configuration Contacts Management Cellular Type Contact ListUp to 1,000 contacts  Jultiple Dialling MethodsUser selects how to dial ast/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button Jultiple Ring Tones Configurable with CPS Message Manager Cellular Type ext message Isis 20 ntelligent Keypad Text InputAll Control Heads Listus Usis 400 Country/Network Code List100 Cican lists 400 Cican lists 400 Cican Savergif image & text (any user's selection) Discrete ModeAll Control Heads Listus Time DisplayAll Control Heads Listus Tim	ailored to user needs							
Contacts ManagementCellular Type Contact ListUp to 1,000 contacts  Ip to 6 numbers per contact, Max 2,000 numbers Multiple Dialling MethodsUser selects how to dial Contact ListUp to 1,000 contacts  Sast/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button Multiple Ring TonesConfigurable with CPS Message Manager Cellular Type Message Manager Cellular Type Message Manager Cellular Type Message Ist 20 Intelligent Keypad Text InputAll Control Heads Matatus list 400 Multiple Ring TonesConfigurable with CPS Message Manager Cellular Type Message Man	MenuMenu Shortcuts Manu Configuration							
Contact ListUp to 1,000 contacts  Up to 6 numbers per contact, Max 2,000 numbers  Aultiple Dialling MethodsUser selects how to dial  astx/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button  Aultiple Ring TonesConfigurable with CPS  Message ManagerCellular Type  ext message list 20  ntelligent Keypad Text InputAll Control Heads  itatus list 400  country/Network Code List100  can lists40 lists of 20 groups  biscrete ModeAll Control Heads  icreen Savergif image & text (any user's selection)  Iniversal Time DisplayAll Control Heads  icreen Savergif ones & text (any user's selection)  Iniversal Time DisplayAll Control Heads  icreen Savergif ones & text (any user's selection)  Iniversal Time DisplayAll Control Heads  icreen Savergif ones & text (any user's selection)  Iniversal Time DisplayAll Control Heads  icreen Savergif ones & text (any user's selection)  Iniversal Time DisplayAll Control Heads  icreen Savergif ones & text (any user's selection)	Menu Configuration  Contacts ManagementCellular Type							
Multiple Dialling MethodsUser selects how to dial ast/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button Multiple Ring TonesConfigurable with CPS Message ManagerCellular Type ext message list 20 ntelligent Keypad Text InputAll Control Heads diatus list 400 Country/Network Code List100 cian lists401 Cian lists402 Cian lists403 Cian lists403 Cian lists403 Cian lists404 Cian lists403 Cian lists404 Cian lists405 Cian lists406 Cian lis		**						
ext message list 20  Intelligent Keypad Text InputAll Control Heads  Iduation lists 400  Iduation lists 400  Iduation lists of 20 groups  Iduation lists of 20 gr	fultiple Dialling MethodsUser selects how to dial ast/Flexible Call ResponsePrivate Call Response to a Group Call via One Touch Button dultiple Ring TonesConfigurable with CPS dessage ManagerCellular Type							
ican lists 40 lists of 20 groups biscrete ModeAll-Control Heads creen Savergif image & text (any user's selection) briversal Time DisplayAll Control Heads ceypad LockAll-Control Heads alkgroup FoldersDual layer folder structure (folder/subfolder) 55 folders	atelligent Keypad Text InputAll Control Heads tatus list 400							
biscrete ModeAll Control Heads creen Savergif image & text (any user's selection) Jiniversal Time DisplayAll Control Heads eypad LockAll Control Heads alkgroup FoldersDual layer folder structure (folder/subfolder) 56 folders								
Iniversal Time DisplayAll Control Heads leypad LockAll Control Heads lalkgroup FoldersDual layer folder structure (folder/subfolder) 156 folders	Discrete ModeAll Contro	ol Heads						
56 folders	Universal Time DisplayA	III Control Heads						
56 folders	**		bfolder)					
	256 folders avourite FoldersUp to 3 (to store any favourite talkgroup)							

For availability of other language keypads please contact your local Motorola Solutions representative **SPECIFICATION SHEET** MTM5000 SERIES

## **MTM5000 SERIES SPECIFICATIONS**

		MTM5400	MTM5500		
<b>ELECTRICAL SP</b>	ECIFICATIONS				
Voltage Range		10.8 to 15.6 V DC			
- 0 0	Idle / Rx / Tx @ 10W	0.5 / 1.0 / 1.2 ( TX 3.4A Peak)			
Current Consumption	Idle / Rx / Tx @ 3W	0.5 / 1.0 / .9 (TX 2.2A Peak)			
(A, typ.)	Tx - Multi Slot PD (4 slots) @ 5.6W	2.7			
	Using USB host	Adds 0.5A			
RF SPECIFICATI	9				
Frequency Bands (MHz)		350 - 390, 380 - 430, 410 - 470, 806	- 870		
Transmitter RF PowerTE		10W (Class 2) and 3W (Class 3)			
RF Power Control6 Pow	er Step Levels	Starting at 15 dBm; finishing at 40 d	dBm		
(steps of 5 dBm)	'	A & B			
Receiver Class		-114 minimum, -116 typical (ETSI 30	10-392-		
Receiver Static Sensitivi Receiver Dynamic Sensi		2) -105 minimum, -107 typical (ETS	51 300-		
<b>GNSS SPECIFIC</b>		392-2)			
Simultaneous Satellite	Systems	GPS plus one other GNSS, eg GLONASS,			
Mode of Operation		Concurrent tracking, SBAS capable, 72			
GNSS Antenna		Supports active antenna (5V, 25mA st			
Acquisition Sensitivity Tracking Sensitivity		-145 dBm (guaranteed); -146 dBm (ty -162 dBm (guaranteed); -163 dBm (ty			
Horizontal Accuracy, 2D		5m (95% probable) @ -130dBm			
Location Protocols		ETSI Location Information Protocol			
20200011100000		Motorola LRRP			
ENVIRONMENT	AL				
Operating Temperature		-30 to +60			
Storage Temperature (°	'	-40 to +85			
Not in use - StorageETS in use -	SI 300 019-1-1 CLASS 1.3 Not	Non-Weather Protected Storage Loca	ntions		
TransportationETSI 300	019-1-2 CLASS 2.3	Public Transportation			
Stationary use -		Partly Tomporature Controlled Locati	ions		
Weather Protected ETSI Locations Mobile use -	300 019-1-3 CLASS 3.2	Partly Temperature Controlled Locations			
Ground Vehicle ETSI 300 Installation	0 019-1-5 CLASS 5.2	Climatic Tests			
Mobile use - Ground Vehicle ETSI 300 Installation	0 019-1-5 CLASS 5M3	Mechanical Tests			
Rail Certification EN501 EnvironmentalIEC60571	ED.3.0	Environmental			
WILL STUBTO C/D/E/F/	G Specifications Dust and	All 11 categories met (or exceeded)  Dash/Desk/Remote models			
Water IP54 (dust cat, 2)		Dash/Desk/Remote models	u)		
Water IP54 (dust cat. 2) Ingress ProtectionIP67		Dash/Desk/Remote models Motorcycle model (only control head is IP67; transceiver is IP54)			
Ingress ProtectionIP67			MTM5500 TSCH IP55		
Water IP54 (dust cat. 2) Ingress ProtectionIP67  VOICE SERVICE Talkgroups					
VOICE SERVICE Talkgroups Phone book		Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic	MTM5500 TSCH IP55		
NOICE SERVICE Talkgroups Phone book entries Scan lists		Motorcycle model-(only control-head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups	MTM5500 TSCH IP55 e etc). Max 2,000 entries		
Ingress ProtectionIP67  VOICE SERVICE  Talkgroups  Phone book entries Scan lists  Group call		Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping	MTM5500 TSCH IP55 e etc). Max 2,000 entries		
Ingress ProtectionIP67  VOICE SERVICE  Talkgroups Phone book entries Scan lists  Group call Private call	S	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex	MTM5500 TSCH IP55 e etc). Max 2,000 entries		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel	S	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO  1,000 persons. Up to 6 numbers per entry (mobile, offic  40 lists of 20 talkgroups  Late Entry, TMO/DMO Mapping  Half / Full Duplex  Full Duplex	MTM5500 TSCH IP55 e etc). Max 2,000 entries		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA	S	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups	MTM5500 TSCH IP55 se etc). Max 2,000 entries		
Ingress ProtectionIP67  VOIGE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO  1,000 persons. Up to 6 numbers per entry (mobile, offic  40 lists of 20 talkgroups  Late Entry, TMO/DMO Mapping  Half / Full Duplex  Full Duplex	MTM5500 TSCH IP55 se etc). Max 2,000 entries		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call	MTM5500 TSCH IP55 re etc). Max 2,000 entries G chment/detachment		
Ingress ProtectionIP67  VOIGE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups Attachment signalling, supports SWMt initiated atta Group call Private call Emergency Group Call to ATTACHED tal	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups Attachment signalling, supports SWMt initiated atta Group call Private call Emergency Group Call to ATTACHED tal	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)		
Ingress ProtectionIP67  VOICE SERVICE  Talkgroups Phone book entries Scan lists  Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex Up to 10,000 groups Attachment signalling, supports SWMH initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Group and DMO to TMO automatic swi Configurable timers for automatic open mic (te	MTM5500 TSCH IP55  de etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options slk without PTT)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups  Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic	MTM5500 TSCH IP55  de etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex) tching options  alsk without PTT)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options alk without PTT) ncy or dedicated)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups  Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options alk without PTT) ncy or dedicated)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options alk without PTT) ncy or dedicated)		
Ingress ProtectionIP67  VOIGE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model-(only control-head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMH initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Group Call to PRDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined	MTM5500 TSCH IP55  The etc). Max 2,000 entries  The etc). The etc		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWM1 initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message	MTM5500 TSCH IP55  re etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup full duplex) tching options alk without PTT) ncy or dedicated) d status)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model-(only control-head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMH initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Group Call to PRDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup full duplex) tching options alk without PTT) or dedicated) d status)  eenu s)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message)	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMH initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Group Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (te Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined Emergency Status (or other pre-defined At least 20 Entries for Dubox (long mest At least 10 Entries for Inbox (long mest At least 10 Entries for Inbox (long mest Cellular style iTAP predictive text et	MTM5500 TSCH IP55  ie etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup ffull duplex) tching options alk without PTT) ncy or dedicated) d status)  ssages)2 sages)2 sages)2 sages)2 try		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) DATA SCANDER STATUS STATUS Options Inbox/Outbox Short Data Service (SDS)Predictive Text Target Address	S lephony -ISDN)	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mes At least 10 Entries for Inbox (long mes At least 10 Entries for Inbox (long mes Cellular style iTAP predictive text et	MTM5500 TSCH IP55  te etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup full duplex) tching options alk without PTT) ncy or dedicated) d status)  tenu ss) ssages)2 ssages)2 ntry or dedicated)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) DATA SERVICES Alias messages Status Shot/Data Service (SDS)Predictive Text Target Address Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction	S lephony -ISDN) ices	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic syen Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mess Cellular style iTAP predictive text et Sent to individual or group address (selected SDS messages can be sent and received durin	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup full duplex) tching options alk without PTT) for or dedicated) d status)  ssages)2 ssages)2 ntry or dedicated) ng a voice call		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Control Status Message Sprions Inbox/Outbox Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sle	lephony -ISDN)  ices  rt emergency	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (ta Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mes At least 10 Entries for Inbox (long mes At least 10 Entries for Inbox (long mes Cellular style iTAP predictive text et	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options  lk without PTT)  lcy  or dedicated)  d status)  ssages)2  sages)2  try  or dedicated)  nor dedicated)  g a voice call  to 28.8 kbit/s gross		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Characterical Individual Services Alias messages Status Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sl WAPIntegrated WAP brow	lephony -ISDN)  ices  rt emergency	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, offic 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMt initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (te Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-definec  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mes At least 10 Entries for Inbox (long mes Cellular style iTAP predictive text et Sent to individual or group address (selected SDS messages can be sent and received durit Data transmission with up to 4 slots supporting up Integrated Openwave browser WAP 1.2.x and WAP 2.0 compatibility for U	MTM5500 TSCH IP55  ie etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup ffull duplex) tching options alk without PTT) ncy or dedicated) d status)  ienu ss) ssages)2 ssages)2 ssages)2 ntry or dedicated) ng a voice call to 28.8 kbit/s gross  DP/IP Stack		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Charaset Address Alarm (status message) Charaset Address Status Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sl WAPIntegrated WAP brov (including WAP-PUSH)	lephony -ISDN)  ices  rt emergency	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (te Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mess (cellular style iTAP predictive text et e) Sent to individual or group address (selected SDS messages can be sent and received durit Data transmission with up to 4 slots supporting up Integrated Openwave browser WAP 1-2.x and WAP 2-0 compatibility for U AT Commands - Full Set ETSI Mandatory of	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup lkgroup full duplex) tching options lsk without PTT) ncy or dedicated) d status)  eenu s) ssages)2 sages)2 ntry or dedicated) ng a voice call to 28.8 kbit/s gross  DP/IP Stack Compliant		
Ingress ProtectionIP67  VOIGE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (satus message) Alias messages Status Options Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sl WAPIntegrated WAP brow (including WAP-PUSH) Peripheral Equipment	lephony -ISDN) ices  rt emergency  ot PD wser	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED ta Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swith Configurable timers for automatic open mic call Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined Emergency Status (or other pre	MTM5500 TSCH IP55  e etc). Max 2,000 entries  chment/detachment  lkgroup  lkgroup  full duplex)  tching options  lk without PTT)  cry  or dedicated)  d status)  leenu  is)  ssages)2  sages)2  rtry  or dedicated)  d status)  print dedicated)  g a voice call  to 28.8 kbit/s gross  DP/IP Stack  Compliant  commands and Air Tracer SESSIONS)		
Ingress ProtectionIP67  VOICE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) DATASSETS (SDS)Predictive Text Target Address Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sl WAPIntegrated WAP brov (including WAP-PUSH)	lephony -ISDN) ices  rt emergency  ot PD wser	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Up to 10,000 groups Attachment signalling, supports SWMI initiated atta Group call Private call Emergency Group Call to ATTACHED tal Emergency Group Call to ATTACHED tal Emergency Group Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swi Configurable timers for automatic open mic (te Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined  400 Entries  Can be sent via One-Touch or via m Up to 200 Entries (short message At least 20 Entries for Outbox (long mess (cellular style iTAP predictive text et e) Sent to individual or group address (selected SDS messages can be sent and received durit Data transmission with up to 4 slots supporting up Integrated Openwave browser WAP 1-2.x and WAP 2-0 compatibility for U AT Commands - Full Set ETSI Mandatory of	MTM5500 TSCH IP55  de etc). Max 2,000 entries  de etc). Ma		
Ingress ProtectionIP67  VOIGE SERVICE Talkgroups Phone book entries Scan lists Group call Private call Trunked Mode (TMO) Tel Services(PABX, PSTN, MS DGNA Scanning Direct Mode (DMO) Serv Tactical Non-Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Direct Mode (DMO) Serv Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Direct Mode (DMO) Serv Tactical Individual Emergency (tailored Sma by users)Hot Mic Location Target Address Alarm (status message) Direct Mode (DMO) Short Data Service (SDS)Predictive Text Target Address Voice Call Interaction Packet Data (PD)Multi-sl. WAPIntegrated WAP brow (including WAP-PUSH) Peripheral Equipment Interface (PEI)Interface F	S lephony -ISDN)  ices  rt emergency  ot PD  wser	Motorcycle model (only control head is IP67; transceiver is IP54)  10,000 TMO, 2,000 DMO 1,000 persons. Up to 6 numbers per entry (mobile, office 40 lists of 20 talkgroups Late Entry, TMO/DMO Mapping Half / Full Duplex  Full Duplex  Full Duplex  Up to 10,000 groups  Attachment signalling, supports SWMH initiated atta Group call Private call  Emergency Group Call to ATTACHED tal Emergency Group Call to DEDICATED tal Emergency Group Call to DEDICATED tal Emergency Call to PREDEFINED party (half/ TMO to DMO and DMO to TMO automatic swith Configurable timers for automatic open mic (tal Location (GPS) sent with emergen Sent to individual or group address (selected Emergency Status (or other pre-defined SDS messages can be sent and received durin Data transmission with up to 4 slots supporting up Integrated Openwave browser WAP 1.2.x and WAP 2.0 compatibility for U AT Commands - Full Set ETS1 Mandatory (AT Multiplexer - 4 Virtual Physical Port (simultaneous PD, 505, AT co TNP1; enables simultaneous PD and 505	MTM5500 TSCH IP55  de etc). Max 2,000 entries  de etc). Ma		

#### **MTM5000 SERIES SPECIFICATIONS**

Group voice calls from TMO to TMO Call Pre-emption (in either direction) Colligurable routing of SSD messages for console or PEIS Point to point calls and SSD messages whist operation as a Gateway  REPEATER SERVICES  Repeats DMO voice calls on selected talkgroup FIST lyne to Monitoring of and presence Signal Finding Call Free may be a first to peration of Repeater Processes System on Selected talkgroup FIST lyne to Monitoring of and practice stalkgroup FIST lyne to Monitoring of and practice stalks in Repeater mode Configurable Repeater Power Levels  FIST lyne to Monitoring of and practice stalks in Repeater mode  FIST lyne through Priority Call FI			MTM5400	MTM5500		
DMO/IMO Gateway    Campany group call from TMO to DMO   Emergency group call from TMO to DMO   Call from TMO to DMO   Call from TMO to DMO   Emergency group call from TMO to DMO   Emergency group call from TMO to DMO   Call from TMO to DMO   Call from TMO to TMO to TMO to DMO   Call from TMO to DMO   Call from TMO to TMO to TMO to DMO   Call from TMO to TMO t	TEWAY SERVIC	CES				
SDS messaging through the gateway from DMO to TMO to TMO to DMO Configurable routings of Sassages to console or PEI3 Point to point calls and SDS messages to console or PEI3 Point to point calls and SDS messages whilst operating as a Gateway	_		Group voice calls from TMO to DMO Emergency group call from DMO to TMO Emergency group call from TMO to DMO			
Repeats DMO voice calls on selected talkgroup Repeats SDS and Status messaging on selected talkgroup Repeats SDS and Status messaging on selected talkgroup ETSI type 1A DMO Repeater for channel efficient operation Transmission of Repeater Presence Signal Provity Call Regency Call (Pre-emptive Priority Call) EEEE Encrypted DMO traffic Monitoring of and publish in Repeater mode Configurable Repeater Power Levels  INTERFACES  RS232 Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT USB 2.0 support for PEI (Four Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT USB 2.0 support for PEI (Four Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT), rapid programming USB 0n-The-Go (host & Slave) capability for intelligent PEI applications USB 1.0 Support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data and AT Commands, SDS, SCOUT), rapid programming USB 0n-The-Go (host & Slave) capability for intelligent PEI applications USB 1.1 support (Inst Mode) to manage USB Slave Device, e.g. SIM CARD READER) Rugged Accessory Connector (GCAI) GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming Input/Output/Analog input 4 (1 on remote and motorcycle control head, 3 on transceiver) Input/Output/Analog input 4 (1 on remote and motorcycle control head, 3 on transceiver) Input/Output/Analog input 5 Capabilities defined in frastructure initiated and made mutual by terminal Force of the Security Classes Class 1 (Clear), Class 2 (CSC), Class 3 G Class 1	·		SDS messaging through the gateway Configurable routing of SDS	y from DMO to TMO or TMO to DMO messages to console or PEI3		
Repeats SDS and Status messaging on selected talkgroup ETSI type 1A DMO Repeater for channel efficient operation Transmission of Repeater Presence Signal Priority Call Emergency Call (Pre-emptive Priority Call) L2EE Encrypted DMO traffic Monitoring of and participation in calls whilst in Repeater mode Configurable Repeater Power Levels  INTERFACES  RS232 Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT USB 2.0 support for PEI (Two Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) Packet Data, AT Commands, SDS, SCOUT); rapid programming USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT) Packet Data, AT Commands, SDS, SCOUT); rapid programming USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT)  USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT)  USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands	PEATER SERVI	CES				
INTERFACES  R5232 Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT  USB 2.0 support for PEI (Two Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data and AT Commands, SDS, SCOUT)  USB 2.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data and AT Commands, SDS, SCOUT); rapid programming  USB 0n-The-Go (host & slave) capability for intelligent PEI applications  USB 1.1 support (Host Mode) to manage USB Slave Devices (e.g. SIM CARD READER)  Rugged Accessory Connector (GCAI) GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming  General Purpose Digital I/O 7 (4 on remote and motorcycle control head, 3 on transceiver)  Input/OutputAnalog input  SECURITY FEATURES  Air Interface Encryption Encryption Air Interface Encryption Forvisioning  Algorithms Security Classes Authentication Infrastructure initiated and made mutual by terminal Security Code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Access Gontrol Radio User Access Gontrol Radio User Access Gontrol Packet Data user authentication  Packet Data user authentication	_		Repeats SDS and Status messaging on selected talkgroup ETSI type 1A DMO Repeater for channel efficient operation Transmission of Repeater Presence Signal Priority Call Emergency Call (Pre-emptive Priority Call) EZEE Encrypted DMO traffic Monitoring of and participation in calls whilst in Repeater mode			
Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT    USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)    USB 2.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT); rapid programming    USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT); rapid programming    USB 0.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data and AT Commands)    USB 2.0 support for PEI (Four Virtual Ports via Standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)    USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)    USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)    USB 2.0 support for PEI (Four Virtual Ports via standard Windows drivers enable PC applications and AT Multiplexer enable PC applications of the standard Windows drivers enable PC applications of the standard Winters enable PC applications and AT Multiplexer enable PC applications and AT Multiplexer enable PC applications of the Salve Devices (e.g. SIM CARD READER)    USB 2.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications of the standard AT Multiplexer enable PC applications of the slave			Configurable kepe	eater Power Levels		
USB 2.0 support for PEI (Two Virtual Ports via standard Windows drivers enable PC applications to run simultaneously Packet Data and AT Commands)  USB 2.0 support for PEI (Four Virtual Ports via AT Multiplexer enable PC applications to run simultaneously Packet Data, AT Commands, SDS, SCOUT); rapid programming  USB 0n-The-Go (host & slave) capability for intelligent PEI applications  USB 1.1 support (Host Mode) to manage USB Slave Devices (e.g. SIM CARD READER)  Rugged Accessory Connector (GCAI)  GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming  General Purpose Digital  /O 7 (4 on remote and motorcycle control head, 3 on transceiver)  Input/OutputAnalog input  SECURITY FEATURES  Air Interface Encryption  Algorithms  Algorithms  Security Classes  Altentication  Provisioning  Security Classes  Authentication  Frovisioning  Security Classes  Authentication  Based on login credentials, a radio user can be limited to only those radio for Radio User Assignment / Radio User Security Clapabilities defined in pre-installed service profiles, selected by the infrastructure entitation  Packet Data user authentication						
Packet Data, AT Commands, SDS, SCOUT); rapid programming  USB On-The-Go (host & slave) capability for intelligent PEI applications  USB 1.1 support (Host Mode) to manage USB Slave Devices (e.g. SIM CARD READER)  Rugged Accessory Connector (GCAI)  GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming  General Purpose Digital I/O 7 (4 on remote and motorcycle control head, 3 on transceiver)  Input/OutputAnalog input 4 (1 on remote and motorcycle control head, with 4 levels)  SECURITY FEATURES  Air Interface Encryption Authentication Infrastructure initiated and made mutual by terminal  Provisioning Security Classes Class 1 (Clear), Class 2 (SCK), Class 3G  Infrastructure initiated and made mutual by terminal  Secure provisioning tool via Key Variable Loader (KVL)  PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation Packet Data user anthentication	32		USB 2.0 support for PEI (Two Virtual Ports applications to run simultaneousl	via standard Windows drivers enable PC ly Packet Data and AT Commands)		
Rugged Accessory Connector (GCAI)  GCAI - Motorola accessory and ancillary interface for connection of accessories, data terminals and programming  General Purpose Digital I/IO  7 (4 on remote and motorcycle control head, 3 on transceiver) Input/OutputAnalog input  SECURITY FEATURES  Air Interface Encryption  Air Interface Encryption  Authentication  Frovisioning  Security Classes  Authentication  Security Classes  Authentication  Security Classes  Security Classes  Authentication  Security Classes  Security Classes  Authentication  Secure provisioning tool via Key Variable Loader (KVL)  PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication	USB		Packet Data, AT Commands, SDS, SCOUT); rapid programming USB On-The-Go (host & slave) capability for intelligent PEI applications			
General Purpose Digital VO 7 (4 on remote and motorcycle control head, 3 on transceiver) Input/OutputAnalog input 4 (1 on remote and motorcycle control head, with 4 levels)  SECURITY FEATURES  Air Interface Encryption Authentication Frovisioning Security Classes Class 1 (Clear), Class 2 (SCK), Class 3G Authentication Infrastructure initiated and made mutual by terminal  Secure provisioning tool via Key Variable Loader (KVL) PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation Packet Data user authentication	ged Accessory Connect	tor (GCAI)				
Input/OutputAnalog input  4 (1 on remote and motorcycle control head, with 4 levels)  SECURITY FEATURES  Air Interface Encryption  Algorithms  Security Classes  Authentication  Provisioning  User Access Control  User Access Control  Access Control  User Access Control  Algorithms  Security Classes  Class 1 (Clear), Class 2 (SCK), Class 3G  Infrastructure initiated and made mutual by terminal  Secure provisioning tool via Key Variable Loader (KVL)  PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication	,,,		, ,	, , , , , , , , , , , , , , , , , , , ,		
Air Interface Encryption  Algorithms  Security Classes Authentication  Provisioning  User Access Control  User Access Control  Algorithms  Algorithms  TEA1, TEA2, TEA3  Class 1 (Clear), Class 2 (SCK), Class 3G  Infrastructure initiated and made mutual by terminal  Secure provisioning tool via Key Variable Loader (KVL)  PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication			4 (1 on remote and motorcycl	le control head, with 4 levels)		
Air Interface Encryption  Security Classes Authentication  Provisioning  Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication  Security Class 2 (SCK), Class 3 G Infrastructure initiated and made mutual by terminal Secure provisioning tool via Key Variable Loader (KVL) PIN/PUK code access  Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication	<b>CURITY FEATU</b>	RES				
Encryption    Security Classes   Authentication   Infrastructure initiated and made mutual by terminal	A	Algorithms	TEA1, TE.	A2, TEA3		
Provisioning  Reference Control  Service Profile Selection for Radio User Assignment / Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Packet Data user authentication  Authentication  Secure provisioning tool via Key Variable Loader (KVL)  PIN/PUK code access  Service Profile Selection for Radio user Assignment / Radio user can be limited to only those radio capabilities defined in pre-installed service profiles, selected by the infrastructure Packet Data user authentication	ryntion					
User Access Control  Service Profile Selection for Radio User Assignment / Radio User Identity (RUA/RUI) Operation  Based on login credentials, a radio user can be limited to only those radio capabilities defined in pre-installed service profiles, selected by the infrastructure Packet Data user authentication	A	Authentication				
User Access Control  User Access Control  User Adio User Assignment  / Radio User Identity (RUA/RUI) Operation  Resed on login credentials, a radio user can be limited to only those radio  capabilities defined in pre-installed service profiles, selected by the infrastructure  Packet Data user authentication	visioning					
User Access Control for Radio User Assignment / Radio User Identity (RUA/RUI) Operation Packet Data user authentication			PIN/PUK C	ode access		
/ Radio User Identity capabilities defined in pre-installed service profiles, selected by the infrastructure (RUA/RUI) Operation Packet Data user authentication			Based on login credentials, a radio us	ser can be limited to only those radio		
(RUA/RUI) Operation Packet Data user authentication			· · · · · · · · · · · · · · · · · · ·	•		
	(1	(RUA/RUI) Operation	·			
End to End Encryption Voice EZEE  Universal Crypto Module (UCM) and SIM (via integrated card slot) and or						
	to Fnd Encryption 🗀		Universal Crypto Module (UCM) and	SIM (via integrated card slot) and or		
	FF) '' P	Packet Data E2EE				
Short Data (SDS) EZEE Slotted into SIM Card slot on the transceiver			Slotted into SIM Card	slot on the transceiver		
E2EE with SIM Card Internal SIM Card Via External SIM Card Reader connected to rear accessory connector on transceivers or to RJ50 Data port on MTM5500 transceiver External SIM Card			Via External SIM Card Reader connected to rear accessory connec	tor on transceivers or to RJ50 Data port on MTM5500 transceiver		
REGULATORY COMPLIANCE						
adio (RED Article 3.2)  EN 302 561		THE STATE OF THE S	EN 30	12 561		
MC (PRITE Article 3.1 b) EN 301 489-1	· ,		EN 301	I 489-1		
lectrical Safety (R&TTE Article 3.1.a) EN 60950-1	Electrical Safety (R&TTE Article 3.1.a)					
invironmental WEEE Directive	Environmental		WEEE Directive			
Automotive E-mark FCF Population No. 10 for Flortrical/Flortronic Subassembly	motive					
Automotive E-mark, ECE Regulation No.10 for Electrical/Electronic-Subassembly  Rail Certification EMC EN50121-3-2 (IEC 62236-3-2 Ed.2.0)						
בוישטוב ו־ש־ב (ונכ שבבשט־ש־ב בע.ב.ע)			ENOUIZ 1-5-Z (IEC	∪2∠JU⁻J⁻Z LU.Z.UJ		

Future software release