

Ex II 2 G EEx ib IIB T4

**GP900, GP1200 AND
MTS2000 ATEX APPROVAL
INFORMATION SHEET**



Following the implementation of the ATEX directive 94/9/EC for equipment and protective systems intended for use in explosive atmospheres, we are pleased to announce the availability of the following radios approved to ATEX Protection Class **II 2 G EEx ib IIB T4**. Please note that approved Motorola carrycases are mandatory for all Motorola ATEX radios.

- GP900 VHF with keypad H01KCG9AN3ACA
- GP900 VHF without keypad H01KCC9AN3ACA
- GP900 UHF with keypad H01RCG9AN3ACA
- GP900 UHF without keypad H01RCC9AN3ACA

GP1200 UHF with keypad H01RCH9CK7BCA

- MTS2000 VHF with keypad H01KCH9PW1AC
- MTS2000 VHF without keypad H01KCD9PW1AC
- MTS2000 UHF with keypad H01RCH9PW1AC
- MTS2000 UHF without keypad H01RCD9PW1AC

MTS2000 approval options:

- Q772AA – ATEX version
- Q657AA – CENELEC version (not available in EU/EFTA countries)

The GP900, GP1200 and MTS2000 have been approved to ATEX Protection Class **II 2 G EEx ib IIB T4** which is interpreted in the table below:



II	2	G	E	Ex	ib	IIB	T4	<i>T4 = Temperature classification to 135°C</i>
								<i>IIB = Gas group town gas (coal gas)</i>
								<i>ib = Intrinsic safety protection concept</i>
								<i>Ex = Explosion protected</i>
								<i>E = Certified to ATEX standard</i>
								<i>G = Gas</i>
								<i>2 = Seldom ignitable atmosphere</i>
								<i>II = Group II environments 'other' (chemical industries, refineries etc)</i>

II 2 G EEx ib IIB T4

ATEX Classification Table:

	T1: 450°C	T2: 300°C	T3: 200°C	T4: 135°C	T5: 100°C	T6: 85°C
IIA	Acetone	Ethyl alcohol	Benzine	Acetaldehyde		
	Ethane	I-amyl acetate	Diesel fuel	Ethyl ether		
	Ethyl acetate	n-butane	Aircraft fuel			
	Ammonia	n-butyl alcohol	Heating Oil			
	Benzene (pure)		n-hexane			
	Acetic acid					
	Carbon Monoxide					
	Methanol					
	Propane					
	Toluene					
IIB	Town Gas (Coal Gas)	Ethylene				

Class T4 automatically covers classes T3, T2 and T1. Gas Group IIB includes Gas Group IIA



ACCESSORY OPTIONS:

GP900 Carrycases (Mandatory for ATEX Radios)

For non-keypad models:

- Standard: STDCAS0402AA - case with belt loop and 'T' strap
- Add option Q93AA for case with swivel 'T' strap 6.5cm
- Add option Q93AB for case with swivel 'T' strap 7.5cm

For keypad models:

- Standard: STDCAS0402AB – case with belt loop
- Add option Q93AC for case with swivel belt loop

GP1200 Carrycases (Mandatory for ATEX Radios)

- Standard: STDCAS0951AA- case with swivel belt loop
- Add option Q93AC for case with belt loop

MTS2000 Carrycases (Mandatory for ATEX Radios)

For non-keypad models:

- Add option H312DF for case leather 'T' strap
- Add option H314EQ for case leather with 'T' strap 7.5cm
- Add option H319CX for case leather with 'T' strap 6.5cm

For keypad models:

- Add option Q775AA for DTMF case with belt loop
- Add option Q776AA for DTMF case with swivel belt loop

Batteries:

- RNN4008AR ATEX battery

Audio Accessories:

- EMN6230A ATEX remote speaker microphone noise-cancelling
- EMN6231A ATEX remote speaker microphone

The following Ceotronics Audio Accessories have been retested to comply with ATEX I12 G EEx ib IIC T4. This enables use with both ATEX and Pre ATEX (Cenelec) Radios.

ELN4635B	Headset Noise Cancel PTT Side Connector
ELN4637B	Contact Com PTT Side Connector
ELN4639B	Headset Lightweight PTT Noise Cancel Side Connector
ELN4641B	Headset Lightweight PTT Omni Side Connector
ELN4643B	Headset Lightweight Noise Cancel Side Connector
ELN4645B	Headset Lightweight Omni Side Connector
ELN4648B	Earpiece 3.5mm Jack
ELN4649B	Earpiece 3.5mm Jack Volume Control
09 82 037	GP900 12 Pin Hirose Adapter
ELN4636B	Headset Noise Cancel PTT 12 Pin Hirose
ELN4638B	Contact Com PTT 12 Pin Hirose
ELN4640B	Headset Lightweight PTT Noise Cancel 12 Pin Hirose
ELN4642B	Headset Lightweight PTT Omni 12 Pin Hirose
ELN4644B	Headset Lightweight Noise Cancel 12 Pin Hirose
ELN4646B	Headset Lightweight Omni 12 Pin Hirose

For more information please contact Motorola or your local authorised dealer.



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