

Introducing MU-1000

The Ultimate Digital TRS Handset





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MU-1000 Design



● General Specification

- Dimension H x W x D (mm)
146 x 48.5 x 34 Standard Battery
146 x 48.5 x 31.5 Slim Battery
- Weight (g)
280 (with Standard Battery)
270 (with Slim Battery)
- Battery Life Time
Up to 20 hours with Standard Battery

● Environmental Condition

- Operating Temperature
-20°C ~ +55°C
- Drop and Vibration
ETS 300 019
- Dust and Water Ingress Protection
IEC 529 IP54

● Frequency Band

- 350 ~ 380	370 ~ 400	400 ~ 430	450 ~ 470	806 ~ 870
- RF channel bandwidth			25KHz	
- Transmitted RF Power			Class 4 (1 Watt) for 800 MHz band Class 3 (3 Watts) for 400 MHz band	
- Receiver class			Class A	
- Receiver Static Sensitivity			-112dBm	
- Receiver Dynamic Sensitivity			-104dBm	



Key Features

● Voice Features

- DMO, DMO gateway support
- TMO, Broadcast call, Multi group attachment (up to 64 groups), Group scanning
- Calls in PSTN / PABX and TETRA network, Emergency call

● Data Features

- Status messaging to individual / group numbers
- SDS to individual / group numbers
- Callback request
- Full WAP support. Single-slot circuit data
- PEI interface with AT-commands, TNP-1, Packet data

● Security Features

- Air interface encryption TEA1 class 1, 2, 3
- Over the Air re-keying (OTAR) associated with TEA 1, class 1, 2, 3
- End-to-End encryption (E2EE, Optional), SDS1 E2EE
- STUN-KILL function as per associated with TEA 1, class 1, 2, 3



● User Interface Features

- Full graphic color LCD and graphic user interface
- Display Flip (180°)
- 2 microphones (Top and Bottom)
- Talk group search
- Phone book list
- Dedicated emergency button (on top of handset, red color)
- Control and talk-group selector
- Menu soft-keys
- Programming interface through PEI connector at the bottom (RS232C)
- Vibration mode

● Other Features

- Late Entry
- DGNA (Dynamic Group Number Assignment)
- Ambience Listening (Eve's phone)
- GPS location update on request
- Emergency TMO / DMO switching



- Optimized size for users wearing globes
 - Enough room between buttons that helps gloved users not to push two buttons at one time.
 - Perfect grip size of the portable body for gloved users.

 - Big and Loud speakers built in
 - The biggest speaker of all TETRA TRS handset that releases clear and loud voice and sound.

 - Compare to Cell phone User Interfaces
 - Colored and Iconized UI part can be compared to Cell phone.
 - UI part satisfies Korean Cell phone UI standard which is the most advanced UI
 - Easy selecting menus helps users shorten operation time in emergency situations.

 - Compatible with all TETRA networks including Motorola, Nokia, Sepura, etc.
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ОТДЕЛ ЭЛЕКТРОНИКИ

- Ø Защитная пленка
- Ø Мобильные телефоны CDMA-450 и репитеры
- Ø Мониторы OEM\DAEWOO INTERNATIONAL
- Ø IP TV STB
- Ø FLASH MEMORY
- Ø Оптические диски CD-R, DVD-R, DVD-RW DAEWOO

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