

M155v Messenger

The ultimate messaging device for environments like healthcare and hospitality



The M155v Messenger is a sophisticated wireless messaging device for use in professional healthcare and hospitality environments. The small watch-like device is easy to wear and provides the mobile user the optimum in mobility, accessibility, flexibility and comfort. Besides a messaging device, the M155v also offers the mobile user speaker-phone communication and acts as a personal alarm device.

- An appealing design
- Three-line display
- Easy to carry (on wrist or as necklace)
- Easy to use
- Gives users full control over their accessibility
- Provides various call control options and integrates seamlessly with the PBX and (messaging) applications
- Complies with DECT standards for high quality speech and security (DECT authentication)
- Provides an excellent communications device for organizations that rely on messaging or alarm information sent to employees, such as in hospitals and hotel environments
- Is easy to service and maintain

Integrated with applications common in healthcare and hospitality, the M155v DECT Messenger meets the needs of message communications in environments where conveying messages to the mobile user is of utmost importance. The M155v Messenger can furthermore be used for voice communication and serves as a personal alarm device.

At a Glance

- Appealing design, easy to use
- Increased accessibility
- Flexibility, comfort and mobility
- Messaging and voice communications in one
- Personal alarm function
- Reduced communication and maintenance costs
- A simple, small and secure solution



Features

Call handling¹⁾	<ul style="list-style-type: none"> • Calls to preconfigured destinations only • Immediate emergency (SOS) call set up • Standby time: 80 hours 	<ul style="list-style-type: none"> • CLI (number and name): when presented by the system • Talk time: 8 hours
Design	<ul style="list-style-type: none"> • Light, small ergonomic design: Optimized for comfort and ease of use as a messaging device, styled for professional environments 	
Directory	<ul style="list-style-type: none"> • Emergency number 	<ul style="list-style-type: none"> • Personal phone book with 5 entries
Display	<ul style="list-style-type: none"> • 3 line display for 42 characters • Date/time indication: Based upon PBX clock 	<ul style="list-style-type: none"> • Illuminated display: On incoming calls and message
Headset	<ul style="list-style-type: none"> • Wired headset support (3.5 mm) 	
Keys	<ul style="list-style-type: none"> • Operated by two keys only 	
Localization	<ul style="list-style-type: none"> • Multiple supported languages: 5 	<ul style="list-style-type: none"> • Dual frequency band
Storage capacity for:	<ul style="list-style-type: none"> • 1 emergency entry (number and optionally a message) • 5 additional phonebook entries 	<ul style="list-style-type: none"> • 5 predefined (reply) messages
Menu	<ul style="list-style-type: none"> • Easy menu (for limited settings only) 	
Messaging	<ul style="list-style-type: none"> • Messaging (LRMS) support • Use of predefined set of messages (normal priority only): 5 	<ul style="list-style-type: none"> • Message broadcast support (receiving) • Support of different priorities for incoming messages: Normal, urgent and emergency
Mobility	<ul style="list-style-type: none"> • Single subscription to DECT system 	
Sound/Audio	<ul style="list-style-type: none"> • Adjustable ringer melody: 12 • Loudspeaker mode/hands free mode only • Silent mode 	<ul style="list-style-type: none"> • Coverage warning • Vibrator Mode
Security	<ul style="list-style-type: none"> • Automatic encryption for secure calls 	
Service/Maintenance	<ul style="list-style-type: none"> • Software upgrading via air interface ¹⁾ 	<ul style="list-style-type: none"> • Configurable by easy to use Configurator application
User interface	<ul style="list-style-type: none"> • Distinctive melodies for messages and priorities 	<ul style="list-style-type: none"> • Status line indicators in the display
<p><i>1) The DECT system to which the M155v Messenger is subscribed, should be able to support "software downloading over the air". Note that the M155v Messenger cannot be upgraded by any other means.</i></p>		

Physical Characteristics

Dimensions	<ul style="list-style-type: none"> Messenger: 55x43x17 mm Charger: 95x58x20 mm
Weight	<ul style="list-style-type: none"> Messenger: 36 g Charger & AC Adapter: 244 g
Protection	Handset: IP20
Range	<ul style="list-style-type: none"> Indoor: 50 m max ²⁾ Outdoor: 300 m max ²⁾
Power Supply	<ul style="list-style-type: none"> Messenger: 3.7V, 400mAh Li-Polymer battery (non-replaceable). Charger: Powered via attached AC/DC adapter Input: 100-240VAC/50/60Hz/150mA Output: 5VDC/350mA Mains plug: ³⁾ Euro, UK, North America or Australia
Colour and Finishing M155	<ul style="list-style-type: none"> Keys and rim around display: silver, non-gloss Body: black, non-gloss
Desktop Charger and AC Adapter	<ul style="list-style-type: none"> Desktop Charger: White, non-gloss AC Adapter: Black, non-gloss
Audible indicators	<ul style="list-style-type: none"> Charger warning
Status line indicators	Status line indicators in the display are: <ul style="list-style-type: none"> Battery condition Field strength New message Phone book Ringing/Off hook Silent (Ringer and notification off)
Supported menu languages	The M155v Messenger supports 5 selectable languages: English, French, German, Italian and Spanish

2) The range of the M155v Messenger depends on the environment and presence of obstacles

3) The mains plug contains a changeable part for the different power plugs

Accessories

M155v accessories	<ul style="list-style-type: none"> Desktop charger and attached adapter
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Transmission & Frequency

Average Radio RF power ⁴⁾	10mW
Frequency band EMEA ⁵⁾	1880 – 1900 MHz
Frequency band Latin America ⁵⁾	1910 – 1930 MHz
Frequency band North America ⁵⁾	1920 – 1930 MHz

4) The M155v handset has a triple frequency band and can be used in the EMEA and American DECT frequency band.

5) The transmitted Radio RF power is according to local regulations

Environmental Conditions

Temperature range	Operating: 0°C to +40°C
	Transport: -25°C to +70°C
	Storage: -5°C to +45°C
Relative Humidity	Operating: 10 to 95%
	Transport: 10 to 100%
	Storage: 10 to 95%

Package content

M155v Messenger
Neck strap
Clip

Compliance

The M155v handset carries a CE mark (European directive 93/68/EEC)	
EMC	EN301 489-1, EN301 489-6
EMF	EN50360
RF	EN301 406, EN300 175 EN 300 444
Safety	EN 60950-1
Compliance Bluetooth module	
When equipped with an optional Bluetooth module, the M155v is in conformance with:	
EMC:	EN301 489-1, EN301 489-17
EMF:	EN50371
RF:	EN300-328

Directives & Regulations

European Union	<ul style="list-style-type: none">• R&TTE directive 1999/5/EC• EMC directive 2004/108/EC• LVD directive 2006/95/EC• ROHS directive 2011/65/EU• WEEE directive 2012/19/EU• ERP directive 2009/125/EC
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Access Point



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