

do you speak  
**FONtevo®**

# The evolution of the IP-DECT Business Class

COMfortel® M-710/M-720/M-730/WS-500S/WS-500M

THE NEW  
GENERATION



 Born in Germany

FONtevo.com

# Always at your side: COMfortel IP-DECT Phones

The handsets of the new wireless solution have been designed to meet all your demands.

M-730:  
THE ROBUST ONE



#### IT DEFIES THE ELEMENTS

Metal dust and water splash-proof (IP65-certified).



#### ALWAYS HANDY

The professional belt clip always provides a safe hold of the handset.



COMfortel M-730 with charging cradle

For more information, see [fontevo.com/m-730](http://fontevo.com/m-730)



#### Outstanding ability to communicate.

The new COMfortel IP-DECT phones are characterised by **superior workmanship, smart design and exceptional performance.**

The COMfortel M-730 is the ideal partner in every situation where **resilience and reliability** are needed. If necessary, cleaning with running is no problem for this IP DECT phone. Even metal dust does not affect it. It is non-slip, so you always have a firm grip on it, even when wearing gloves and it is securely stowed with its belt clip.





## M-710: THE VERSATILE ONE



### ELEGANT AND EFFECTIVE

Slim design with big 2.4" display.



### IDEAL FOR EVERYDAY USE

Scratch-proof and disinfectant-resistant surface.



## COMfortel M-710 with charging cradle

For more information, see [fontevo.com/m-710](http://fontevo.com/m-710)

## A great all-rounder.

COMfortel M-710 has all the vital functions you'd expect, offering **great performance for the price**. Last but not least, especially COMfortel M series have a **high-quality polymer finish**, so they can **withstand cleaning with disinfectant**. This finish also makes the devices much more **resistant to scratching**.

## M-720: THE ELEGANT ONE



### EXCEPTIONAL ENDURANCE

Long-life rechargeable battery with up to 15 hours talk time.



### PERFECTLY PREPARED

Bluetooth, 3.5mm cinch and hands-free satisfy all connectivity possibilities.



## COMfortel M-720 with charging cradle

For more information, see [fontevo.com/m-720](http://fontevo.com/m-720)

## Fit for every office environment.

The COMfortel M-720 is ideally suited for use in professional business communications. With its slim **casing** and **generously sized display**, it fits seamlessly on every desktop. By providing all the important convenience functions you need, such as hands-free calling, an online address book or Bluetooth, it can help you be more productive. Thanks to their **long-life rechargeable battery**, COMfortel DECT phones are always ready for use, even also on the longest working days.



# For every situation: solutions with WS-500S/M

Set it up in no time at all and then scale it to (almost) any size... all thanks to its modular structure.

## The Single Solution with COMfortel WS-500S

### The perfect starting point.

Even the smallest-scale solution can already handle up to 20 subscribers from only one base unit. This setup is ideal for **small offices and doctors' practices**. The average range within buildings is around 50 meters.



max. **20** subscribers



max. **1** base unit



max. **1** cell



GROW WITHOUT REPLACING  
HARDWARE THANKS TO A  
SOFTWARE UPDATE

COMfortel WS-500S/WS-500M

For more information, see  
[fontevo.com/ws-500](http://fontevo.com/ws-500)






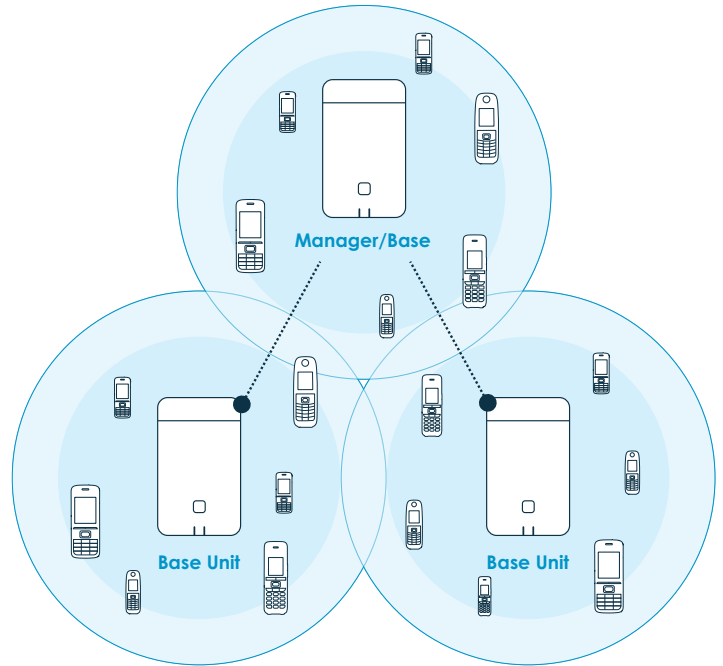
# The Multi Solution

## with COMfortel WS-500M

### Grow while protecting your investment.

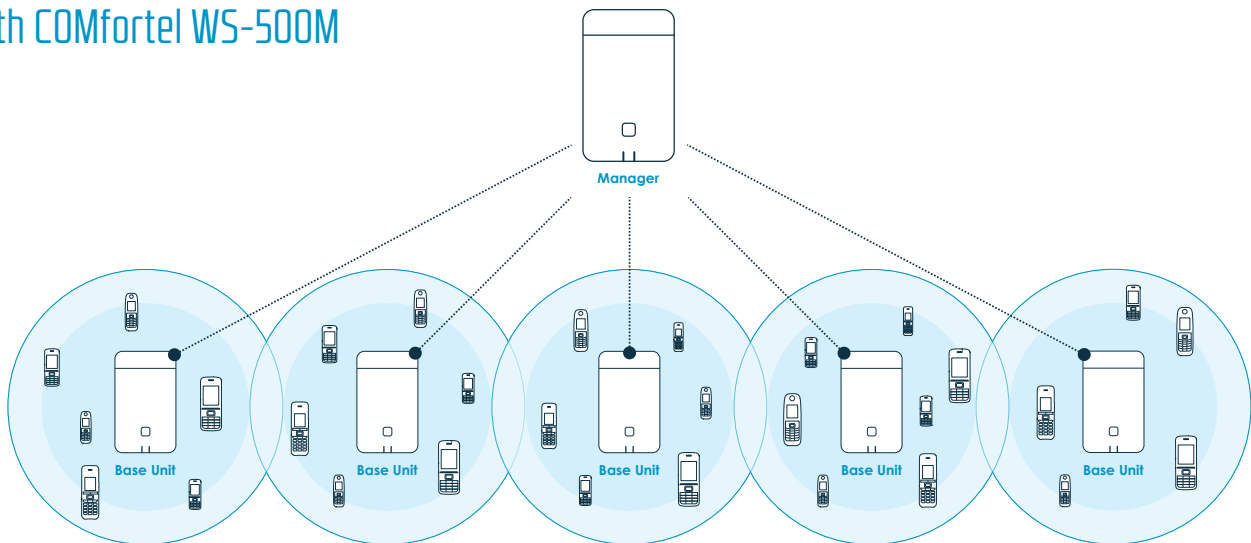
If your COMfortel WS-500 base unit is struggling to cope with an increased number of subscribers or a greater range, you can simply add more base units to improve the system. This solution is popular with **car dealerships**, **companies with a network of subsidiaries** and **freight forwarding companies**.

-  max. **50** subscribers
-  max. **10** base units
-  max. **10** cells



# The Multi Plus Solution




## with COMfortel WS-500M



### Expansion through intelligent management.

It sometimes happens that even 10 DECT radio cells cannot provide enough transmission range over large areas, especially if thick walls are present, for example in **market gardens** or **museums**.

In this kind of situation, one base unit can be set to exclusively perform management tasks so that it can then manage up to 60 radio base units. It can then handle 250 subscribers.

-  max. **250** subscribers
-  max. **60** base units
-  max. **60** cells

# Features Overview

---

## SYSTEM FUNCTIONS

- Seamless transfer of calls between radio cells within the IP-DECT multi-cell system
- Synchronisation of base stations via radio interface, LAN or a mixture of the two
- LDAP server support for a central telephone book (up to 10)
- Access to the PBX's voicemail system
- The system time is displayed on every handset
- Clusters can be defined, to organise the base units
- An alarm on handsets warns users when they are leaving the DECT radio cell range
- DECT voice data is encrypted
- A full backup is taken of the system configuration

## SPECIFICATIONS

- DECT EN 300 175-x
- DECT radio coverage: up to 50 m (in buildings) and 300 m (outside)
- Standards: GAP/pnCAP
- Support for 120 DECT channels
- TLS1.0/1.1/1.2 for HTTPS and SIP, SIPs
- SIP (RFC3261, RFC2396, RFC2976)
- HTTP/Digest Authentication (RFC2617)
- Up to 10 simultaneous calls per base unit (see Technical Data on page 7)

## ACTIVATABLE OPTIONS

### COMfortel WS-500S

- Can be expanded to provide multi-cell operation with up to 250 DECT users and 60 VoIP channels (same as COMfortel WS-500M)

### COMfortel WS-500M

- Can be expanded to up to 800 DECT users and 240 bases (operation as integrator with up to four DECT managers)

## SUPPORTED VOIP CODECS

- G.711
- G.722
- G.729 Annex A and B

## INSTALLATION AND MAINTENANCE

- Zero touch provisioning for manager base unit
- Handsets can be created, deleted or changed from the ICT system
- This makes it easy to register the handsets
- LEDs signal operational and functional states
- Access to LDAP telephone books (up to 10 departmental directories)
- The entire IP-DECT wireless system can be managed from a single web interface
- Access to the web interface is encrypted (https)
- Backup and recovery functions
- Support for Syslog servers
- PCAP tracing
- SNMPv3

## SUPPORTED COMMUNICATION PLATFORMS

### Full integration including provisioning

- COMpact 4000
- COMpact 5x00 series
- COMmander 6000 series
- COMtrexx series

### Operation as normal IP-DECT system

- COMmander Basic.2 (19)
- COMmander Business (19)
- COMpact 5010/5020 VoIP
- SIP-based ITC systems from other manufacturers

### Please note:

The radio cells need to be located correctly, to ensure that the IP-DECT system runs smoothly. For this reason, we recommend that you task a qualified specialised dealer with sizing and configuring the system. A DECT signal can be measured and the result used to precisely determine where, for example, another base unit is needed to ensure coverage.





„Cordless  
and happy...“

THE M-/WS-SERIES  
AT A GLANCE



DECT handsets overview	COMfortel M-710	COMfortel M-720	COMfortel M-730
Display	2.4", 240 x 320 pixels 65,000 colours	2.4", 240 x 320 pixels 65,000 colours	2.4", 240 x 320 pixels 65,000 colours
Range	Up to 300 m outdoors, up to 50 m indoors		
Operating voltage	2 micro batteries (NiMH), AAA type, 1.2 V, 750 mAh	1 battery (Li-Ion) 3.7 V, 750 mAh	2 micro batteries (NiMH), AAA type, 1.2 V, 750 mAh
Talk time/standby time	Up to 13 / 320 h	Up to 15 / 300 h	Up to 12 / 320 h
Protection class	IP40	IP20	IP65
Surface	Scratch-proof, disinfectant resistant	Scratch-proof, disinfectant resistant	Scratch-proof, disinfectant resistant
Headset connection	Bluetooth, 3.5 mm jack	Bluetooth, 3.5 mm jack	Bluetooth, 3.5 mm jack
Charging connector	Charging cradle / USB	Charging cradle / USB	2 Charging cradle / USB
Colours	Dark Titanium	Dark Titanium	Anthracite
Dimensions (W x H x D)	56 mm x 158 mm x 23 mm	51 mm x 130 mm x 19 mm	56 mm x 158 mm x 26 mm
Handset weight (incl. battery)	Approx. 139 g	Approx. 104 g	Approx. 166 g
Scope of delivery	Handset, battery cover, belt clip, 2 x AAA rechargeable batteries, charging cradle, wall mounted power supply, commisio- ning guide and quick guide	Handset, battery cover, belt clip, Li- Ion battery, charging cradle, wall mounted power supply, commis- sioning guide and quick guide	Handset, battery cover, belt clip, rubber caps, 2 x AAA recharge- able batteries, charging cradle, wall mounted power supply, commis- sioning guide and quick guide
Professional Belt Clip	optional	-	optional

DECT servers overview	COMfortel WS-500S	COMfortel WS-500M
Simultaneous calls	Up to 8 (for G.711) Up to 5 (for G.722)	Up to 10 per base unit (G.711), up to 5 per base unit (G.722), up to 60 in total
Number of handsets	Up to 20	Up to 250*
Number of base units	1	60*
Power supply	Power over Ethernet: PoE IEEE 802.3af class 1	
Power consumption	< 3,8 W	
Casing	Plastic, polar white	
Dimensions (W x H x D)	110 mm x 180 mm x 42 mm	
Scope of delivery	Base unit, screws/dowels, commissioning and quick guide	



\* More handsets and bases are possible. Just contact us!

do you speak  
**FONtevo**<sup>®</sup>

VISIT OUR SITE  
[fontevo.com](http://fontevo.com)

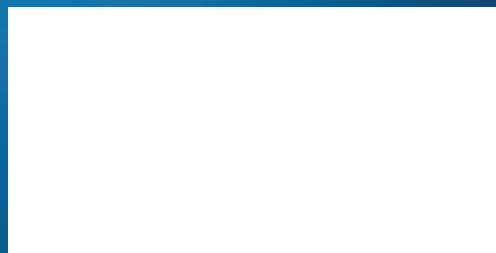
FONtevo

c/o Auerswald GmbH & Co. KG  
Vor den Grashöfen 1  
38162 Cremlingen-Schandelah  
Germany

Informations : +49 53 06 92 00-710  
E-mail : [info@fontevo.com](mailto:info@fontevo.com)

Visit our site : [FONtevo.com](http://FONtevo.com)

FONtevo Partner



Item No.: 97506 02 10/2021  
Copyright © 2021 FONtevo, Auerswald GmbH & Co. KG