bintec be.IP plus,
bintec be.IP plus - world edition
or Digitalisierungsbox Premium

DECT Manager
elmeg DECT210
add. Base station
(Mode 2 or 3)

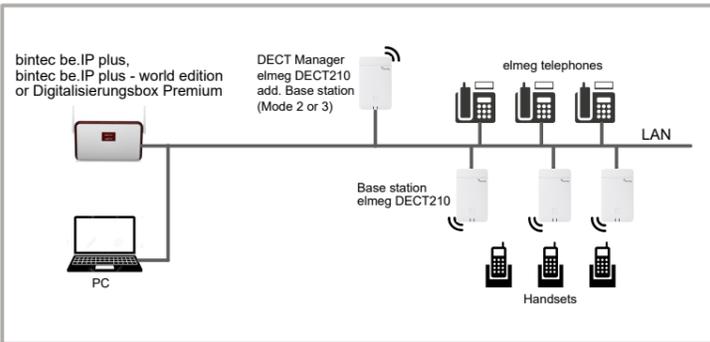elmeg telephones

LAN

Base station
elmeg DECT210

PC

Handsets

Initial Steps

1. The Base stations DECT210 can be supplied by an Ethernet switch with power via PoE (Power over Ethernet). Power can also be supplied via an optional mains unit. Parallel operation via both power supplies is permitted.
2. Connect the handset charging cradle to the mains.
3. Install the network with an bintec be.IP plus, and at least one DECT210 (see table **Options in programming mode**).
4. A PC is required in order to configure the DECT Manager.
5. Up to 60 DECT Base stations DECT210 can be configured.
6. The **elmeg DECT MultiCell** supports up to 100 handsets.

Updating of firmware

Updating via webpage:
The updating of system software on the **PBX** is initiated via the **Maintenance➔System Telephone Update➔elmeg OEM** menu.
The *Update immediately* function is activated by setting a check-mark.

Telephone firmware update:
1. Download **QuickSync** from our website, *www.bintec-elmeg.com*.
2. Select your handset in the **QuickSync** menu and confirm the firmware update.
3. Using the **QuickSync** Manager, download the firmware to your handset.

Configuration

Provisioning using the internal DHCP server of the bintec be.IP plus / be.IP plus - world edition / Digitalisierungsbox Premium

1. Log in to the configuration interface of your **PBX**.
2. Activate the *Use this device as a DHCP server* option in the **Assistants ➔ First steps** menu and enter an **IP address range**.
   When in **Advanced Settings,** enable the option *Transfer provisioning server for* **elmeg IP/DECT**.
   The connected telephones are automatically provisioned.
3. Create the **Users** in the **Assistants ➔ Telephony ➔ Users ➔ New** menu.

- In the **Users** menu, enter the **Name** of the user.
- Enter an additional **Description** of the user.
- Select the **Class of Service** *No Limitation*.
- Enter the **Password** with which a user IP telephone must log in the system.
- Click **Apply**.

- Enter the **Internal Number** for the user in the **Internal Number** menu and the **Description** to be shown in the DECT handset display.
- Select the assigned **user**.
- Click **Apply**.

Assign device roles

When delivered, your device is set up as a base station.
To use your device as a DECT Manager / Integrator or reset, you must do the following:

- To activate the programming mode, press and hold the button pressed on the front for at least 10 seconds.
- The programming mode is indicated by 2 LEDs.
- You get through the three options of the programming mode with a short press of the button.
- To activate the desired option, hold down the button pressed for at least 3 to a maximum of 10 seconds.
- The programming mode becomes inactive after 20 seconds closed.

Please note that the original configuration and user data are lost. If necessary, perform a backup beforehand!

Options in programming mode

Progr. Option	Roles	IP	Password Web Configur.	LED1	LED2
1	Base station	IP address is obtained automatically			green
2	Base station +DECT Manager +Integrator	IP address is obtained automatically	admin	blue	blue
3	Base station +DECT Manager +Integrator with static IP address	Static IP: 192.168.143.1 Subnet mask: 255.255.0.0	admin		blue

External DHCP server

Information regarding the use of an external DHCP server:
An external DHCP server may only transfer the URL of the bintec be.IP plus (*http://<be.IP plus IP-Adresse>/eg_prov*) or (*http://<Digitalisierungsbox Premium IP-Adresse>/eg_prov*) via the option *114*. After starting the **elmeg DECT210**, it then receives an IP address from the DHCP server and obtains its configuration from the PBX. The PBX provisioning server then starts independently without any further configuration.

Configuration (cont.)

4. In the **Terminals** menu choose the ✏ icon to edit the DHCP Manager.
   - Enter a **Description** for the terminal.
   - With **Add**, you assign the **Internal Number** and the **IPUI number** (International Portable User Identity) for the handset. Using the IPUI number, mobile handset in the DECT network can be uniquely identified. The IPUI number is located on the equipment box or on the nameplate.
   - Or enter *#06# in the handset menu. Line 1 then contains the IPUI number.
   - Confirm with **Apply**.
   - With the button you can access the web interface of the **elmeg DECT210** and make further adjustments if necessary.

5. Select the **Language** for the w**eb configurator** interface.
   - Enter the preset **Password** "*admin"*.
   - Subsequently, a new **password** must be assigned.
   - Please select the DECT Radio band for Europe.

6. The VoIP providers are configured in the **Settings ➔ Provider or PBX profiles** menu.

7. Then manage the DECT managers in the **Settings ➔ DECT Manager ➔ Administration** menu.

8. In the **Settings ➔ Base stations➔ Administration** menu you can assign base station to the DECT manager.

9. You can edit, disable or delete the settings for handsets that are already registered in the **Settings ➔ Mobile devices ➔ Administration** menu.
   - Click on **Start Login**.
   - The handset with the appropriate IPUI can now be registered.

You must commence the login on the handset (see also the User´s Guide for the handset).
- Select **Menu ➔ Settings ➔ Login ➔ Log in handset** and confirm with **OK**.
- The device then searches for an access point that is ready for login.
- Enter the four-digit login PIN (default pin *0000*) that was created on the DECT Manager. The handset is logged in.
- Confirm the message **Registration successful** on the DECT Manager with **OK**.
- The handset is given an internal DECT number by the **elmeg DECT210**.

If the handset is in an ex works state, then it shall suffice to press the right **Registration** soft-key.
Provided it is set up on the PBX, the **LDAP phone book** is automatically set up with the provisioning and is available to the user without any further configuration.

Note: Only **elmeg D131, elmeg D141** or **elmeg D151R** devices guarantee the full range of functions. Other DECT devices only support the GAP function.

Training: Training is recommended for the configuration and installation of the **elmeg DECT MultiCell Solution**!

Reset

Emergency reset to factory settings
When the device is booting:
1. Press the device button for at least 10 seconds until all LEDs switch off. Release the button. The device is now in programming mode.
2. Press the device button until the LED light green.
3. Press the device button for at least four seconds. The device is reset and rebooted.

Info

Please read the user guide before connecting the device or starting it up!

If you hae any question about your new product, please contact a local, certified retailer for prompt technical support. Resellers have been trained by us and receive privileged support.

Further information on our support and service offers can be found on our web site at *www.bintec-elmeg.com*.