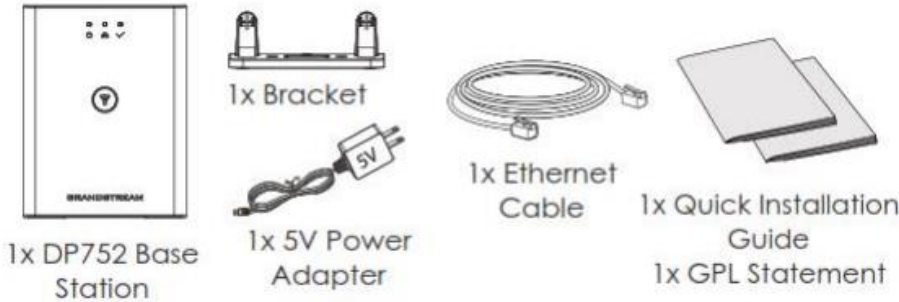# TIPT – Grandstream DP752 (DECT Base Station) and DP722 (DECT Handset)

Install Guide

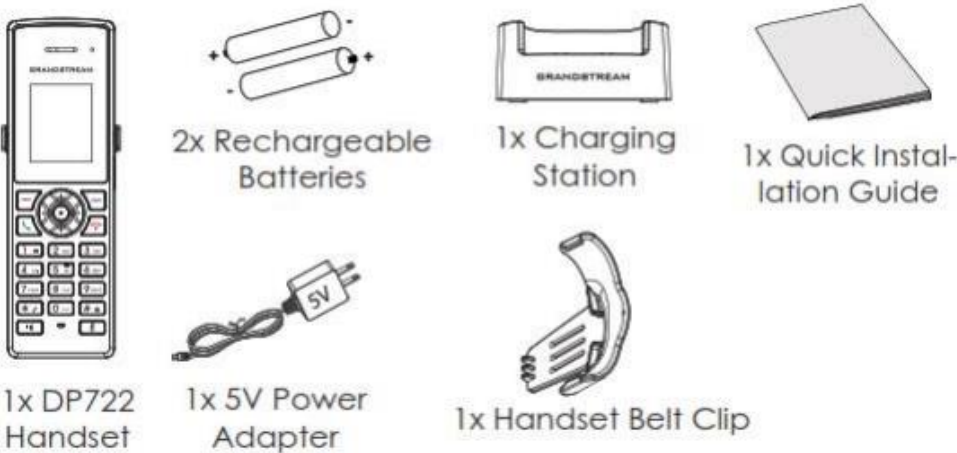# Package contents

Grandstream DP 752 (DECT Base Station)

1x Bracket

1x 5V Power Adapter

1x Ethernet Cable

1x Quick Installation Guide
1x GPL Statement

1x DP752 Base Station

Grandstream DP 722 (DECT Handset)

2x Rechargeable Batteries

1x Charging Station

1x Quick Installation Guide

1x DP722 Handset

1x 5V Power Adapter

1x Handset Belt Clip

DP 752 (Base Station) SETUP

Note: For optimum signal range, install the DP752 Base Station with the LED side facing the usage area; and install at ceiling height

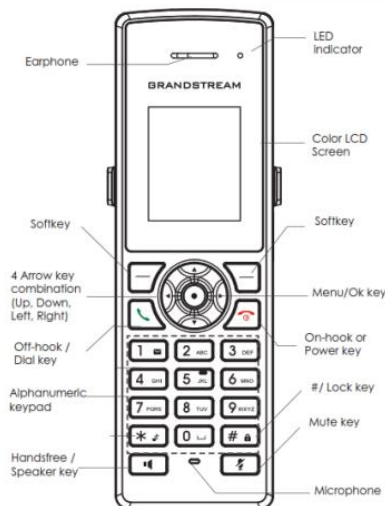The Base Station can be powered by **AC** or **Power over Ethernet (PoE)**

Connecting via AC power
- Using the supplied power adaptor, connect the micro-USB connector into the related port on the Base Station, and the other end into an electrical power outlet.
- Connect the supplied Ethernet cable between the Internet port on the Base Station and the Internet port in your network or the switch/hub device port.

Connecting via PoE
- Connect the supplied Ethernet cable (or 3rd party network cable) between the Network Socket on the Base Station to Ethernet port of your PoE switch/hub

DP 722 (Handset) Description

DP 722 (Handset) setup

- Plug the power adapter into a power source socket to start using the charging station.
- Open the battery cover.
- Insert the batteries with the electrodes in the bottom left corner.
- Close the battery cover.

Connecting Handsets to the Base

- Press "**Subscribe**" softkey in the DP722 Handset home screen or access **DP722 menu → Registration → Register**
- Select "**Base 1**" and press "**Subscribe**" softkey
- The DP722 Handset will search for nearby Base Stations and will display the RFPI code and name of the discovered Base Station.
- Press "**Subscribe**" to pair with the displayed DP752 Base Station. Two minutes is allowed for the Handset to pair with the Base Station. If you need longer, you will need to reboot the Base Station, *long press* on the **subscribe** button on the Base Station or click on the **subscribe** button on the *web user interface*.
- Repeat this process for any additional Handset required to pair with the Base Station.

Provisioning through a Router/Modem enabled with DHCP Option 160

Please ensure your DHCP server/router is configured as per the TIPT installation guide.

1. Ensure the Base Station is connected to power, and that the Handset is turned on using the *power key* button.

2. Press "**Subscribe**" softkey in the home screen or access *DP722 menu → Registration → Register*.

3. Select "**Base 1**" and press "**Subscribe**" softkey.

4. The DP722 Handset will search for nearby Base Stations and will display the RFPI code and name of the discovered DP752 Base Station.

5. Press "Subscribe" to pair with the displayed DP752 Base Station. The subscription window allows 2 minutes for the Handset to pair with the Base Station. If needed, it can be re-opened by rebooting the Base Station, a long press on the subscribe button on the Base Station or clicking the subscribe button within the Base Station's web interface. After the restart, the TIPT DMS credential input page will appear on the Handset.
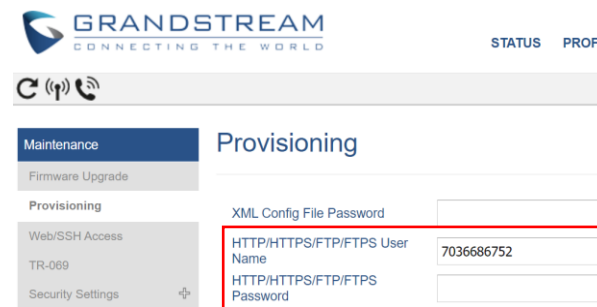
6. If your Handset asks for an admin code to perform pairing, start subscribing again (press back and subscribe), or use the default admin code 0000.

7. Once the firmware installation is complete the Handset will restart. The Handset will then display the TIPT platform's current firmware version followed by the credential input page. Enter the Phone Device Username and Password and press Save.

You can switch the *input mode* between *alphanumeric*, *alphabet only*, and *numbers only* on the *DMS credentials* window using the **#** button on the Handset keypad.

The device will restart after downloading the configuration from the TIPT platform.

If you are unable to enter the Phone Device credentials:

1. Check the DP752 Base Station *IP address* using the DP722 Handset LCD menu: **Status → Base Status**.

2. Open a *Web browser* on your computer and enter the DP752 *IP address* in the address bar of the browser.

3. Enter the administrator's **username** and **password** to access the *Web Configuration Menu*. The default administrator username is "**admin**" and password is printed on the sticker at the back of the Base Station.

4. Browse to maintenance – provisioning and enter the Phone Device Username in the field 'HTTP/HTTPS/FTP/FTPS/Username' and the Password in the field 'HTTP/HTTPS/FTP/FTPS/{HTTP/HTTPS/FTP/FTPS/Password

Provisioning via Base Station Web Interface :

1. Ensure the DP752 Base Station is connected to power and switched on.

2. Connect a computer to the same network as the DP752 Base Station.

3. Check the DP752 Base Station *IP address* using the DP722 Handset LCD menu: **Status → Base Status**.

4. Open a *Web browser* on your computer and enter the DP752 *IP address* in the address bar of the browser.

5. Enter the administrator's **username** and **password** to access the *Web Configuration Menu*. The default administrator username is "**admin**" and password is printed on the sticker at the back of the Base Station; the default end-user username is "**user**" and the password is "**123**".

6. Navigate to **Maintenance → Provisioning**

7. In the Config Server Path field enter: ***polydms.digitalbusiness.telstra.com/dms/bootstrap/***

8. Press "**Subscribe**" softkey in the home screen or access *DP722 menu → Registration → Regist*er.

9. Select "**Base 1**" and press "**Subscribe**" softkey.

10. The DP722 Handset will search for nearby Base Stations and will display the RFPI code and name of the discovered DP752 Base Station.

11. Press "Subscribe" to pair with the displayed DP752 Base Station. The subscription window allows 2 minutes for the Handset to pair with the Base Station. If needed, it can be re-opened by rebooting the Base Station, a long press on the subscribe button on the Base Station or clicking the subscribe button within the Base Station's web interface. After the restart, the TIPT DMS credential input page will appear on the Handset.

12. If your Handset asks for an admin code to perform pairing, start subscribing again (press back and subscribe), or use the default admin code 0000.

13. Once the firmware installation is complete the Handset will restart. The Handset will then display the TIPT platform's current firmware version followed by the credential input page. Enter the Phone Device Username and Password and press Save.

You can switch the *input mode* between *alphanumeric*, *alphabet only*, and *numbers only* on the *DMS credentials* window using the **#** button on the Handset keypad.

The device will restart after downloading the configuration from the TIPT platform.

If you are unable to enter the Phone Device credentials:

1. Check the DP752 Base Station *IP address* using the DP722 Handset LCD menu: **Status → Base Status**.

2. Open a *Web browser* on your computer and enter the DP752 *IP address* in the address bar of the browser.

3. Enter the administrator's **username** and **password** to access the *Web Configuration Menu*. The default administrator username is "**admin**" and password is printed on the sticker at the back of the Base Station.

4. Browse to maintenance – provisioning and enter the Phone Device Username in the field 'HTTP/HTTPS/FTP/FTPS/Username' and the Password in the field 'HTTP/HTTPS/FTP/FTPS/{HTTP/HTTPS/FTP/FTPS/Password

Adding Additional Handsets to the Base – TIPT Administration Portal Configuration

1. Order the new user using the UC Self-Service portal (https://ucp-.tipt.telstra.com) and select the existing base as the device type. You will need to order the actual Handset via the **Order Handsets and Headsets** tile.

2. Login to the TIPT Administration Portal - https://toti.tipt.telstra.com

3. Navigate to the first user attached to this Base Station. Select the User. Select Addresses and note their device identity name.

4. Navigate to the new user you just created, that you wish to add to the Base Station. Select the User. Select Addresses.

5. Change the identity/device profile name to the name of the first user as noted above.

6. Then re-enter the line port as the phone number of the new user in the format pxxxxxxxxxxx eg p0282400372 and press Apply.

7. Navigate back to the first user attached to the Base Station: **User > addresses > configure device identity profile > files > rebuild files**

8. Configuration is now complete. You can proceed to register your additional Handset to the DECT Base Station (as per page 3).

Group Tags for TIPT Administration Portal

Note : If provisioned via UCSS Portal, tags are set up automatically at the group level for the devices and if needed, could be changed based on the customer requirements.

Group level – NAPTR mode (Phone could be used on any Network)

Tag Name	Tag Value(s)	
%TIPT_STATE% (Based on the state)	vic-all.business.connect.telstra.com wa-all.business.connect.telstra.com tas-all.business.connect.telstra.com sa-all.business.connect.telstra.com qld-all.business.connect.telstra.com nt-all.business.connect.telstra.com nsw-all.business.connect.telstra.com	
%TIME_ZONE%	**STATE**	**TIME ZONE VALUE**
	VIC	EST-10EDT-11,M10.5.0/02:00:00,M3.5.0/03:00:00
	NSW	
	TAS	
	ACT	
	QLD	EST-10
	SA	CST-9:30CDT-10:30,M10.5.0/02:00:00,M3.5.0/03:00:00
	NT	CST-9:30
	WA	WST-8
%IFOLDER%	1	

Group Group level – UDP mode (Phone could be used on MPLS /TBB)

Tag Name	Tag Value(s)
%TIPT_STATE%	vic-all.business.connect.telstra.com wa-all.business.connect.telstra.com tas-all.business.connect.telstra.com sa-all.business.connect.telstra.com qld-all.business.connect.telstra.com nt-all.business.connect.telstra.com nsw-all.business.connect.telstra.com act-all.business.connect.telstra.com

Group level – UDP mode (Phone could be used on MPLS /TBB) (Continued)

Tag Name	Tag Value(s)	
%TIME_ZONE%	**STATE**	**TIME ZONE VALUE**
	VIC	EST-10EDT-11,M10.5.0/02:00:00,M3.5.0/03:00:00
	NSW	
	TAS	
	ACT	
	QLD	EST-10
	SA	CST-9:30CDT-10:30,M10.5.0/02:00:00,M3.5.0/03:00:00
	NT	CST-9:30
	WA	WST-8
%DNS_MODE%	1	
%SIP_TRANSPORT_TYPE%	0	
%SIP_PORT%	5060	

Group level – TCP mode (Phone could be used on TBB)

Tag Name	Tag Value(s)	
%TIPT_STATE% (Based on the state)	vic-all.business.connect.telstra.com wa-all.business.connect.telstra.com tas-all.business.connect.telstra.com sa-all.business.connect.telstra.com qld-all.business.connect.telstra.com nt-all.business.connect.telstra.com nsw-all.business.connect.telstra.com act-all.business.connect.telstra.com	
%TIME_ZONE%	**STATE**	**TIME ZONE VALUE**
	VIC	EST-10EDT-11,M10.5.0/02:00:00,M3.5.0/03:00:00
	NSW	
	TAS	
	ACT	
	QLD	EST-10
	SA	CST-9:30CDT-10:30,M10.5.0/02:00:00,M3.5.0/03:00:00
	NT	CST-9:30
	WA	WST-8
%DNS_MODE%	1	
%SIP_TRANSPORT_TYPE%	1	
%SIP_PORT%	5060	

Group level – TLS mode (Phone could be used on TBB /3rd Party)

Tag Name	Tag Value(s)	
%TIPT_STATE%	vic-all.business.connect.telstra.com wa-all.business.connect.telstra.com tas-all.business.connect.telstra.com sa-all.business.connect.telstra.com qld-all.business.connect.telstra.com nt-all.business.connect.telstra.com nsw-all.business.connect.telstra.com act-all.business.connect.telstra.com	
%TIME_ZONE%	**STATE**	**TIME ZONE VALUE**
	VIC	EST-10EDT-11,M10.5.0/02:00:00,M3.5.0/03:00:00
	NSW	
	TAS	
	ACT	
	QLD	EST-10
	SA	CST-9:30CDT-10:30,M10.5.0/02:00:00,M3.5.0/03:00:00
	NT	CST-9:30
	WA	WST-8
%DNS_MODE%	1	
%SIP_TRANSPORT_TYPE%	2	
%SIP_PORT_1%	5061	

Useful Links from Grandstream

Grandstream DP722 User Guide - Here
Grandstream DP7542 Administration Guide – Here
Grandstream DECT Deployment Guide - Here