

**Protect your
investment with the
new Panasonic
digital telephones**



How Much Does It Cost to Rewire Your Office?

Panasonic introduces the KX-DT6 digital telephones to provide an exciting new experience for customers using traditional analogue or digital devices on legacy telephone wiring without the cost or time required for re-cabling.

The new design and features of KX-DT6 telephones offer a perfect opportunity for you to improve your telephony experience without a major infrastructure change.

The KX-DT6 telephones also allow a better user experience for mixing with or migrating to IP telephony in the future with a common design and interface with the IP based equivalent models, NT680 and NT630.



KX-DT680
Colour LCD

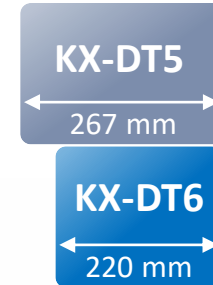


KX-DT635
Monochrome LCD

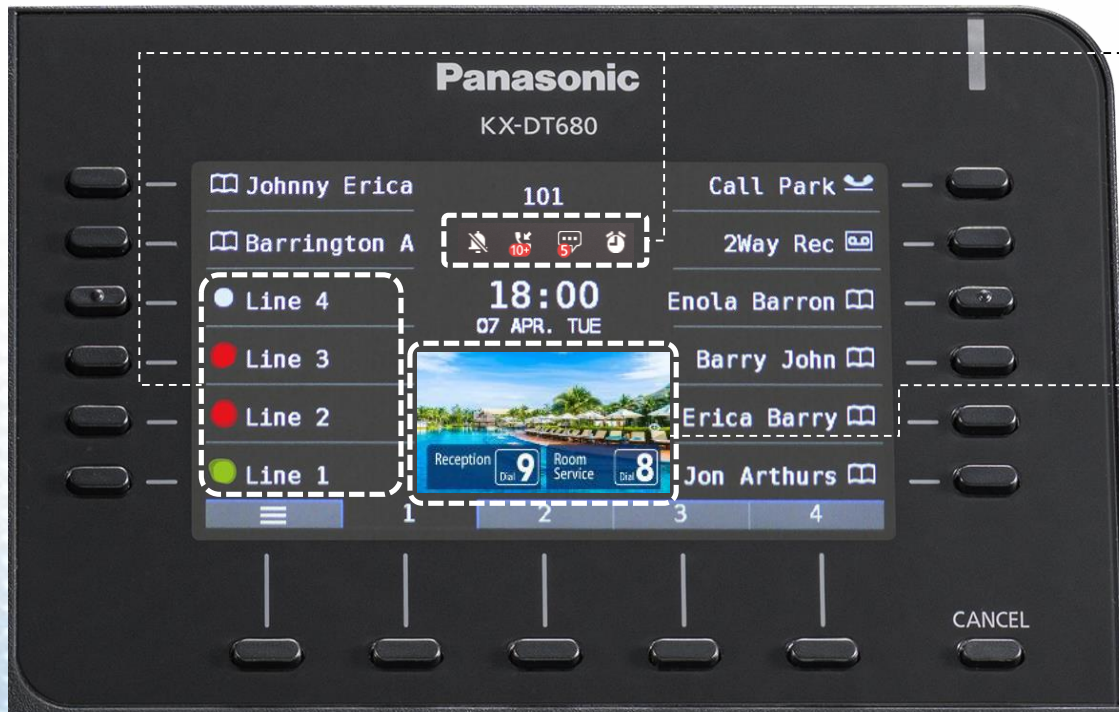
Slim Design

KX-DT6 telephone slim design provides a new customer experience and the smaller footprint compared with previous digital models allows for a more comfortable installation location in the workplace.

Footprint



Large Colour LCD Display with Intuitive Operation KX-DT680



■ Intuitive Operation

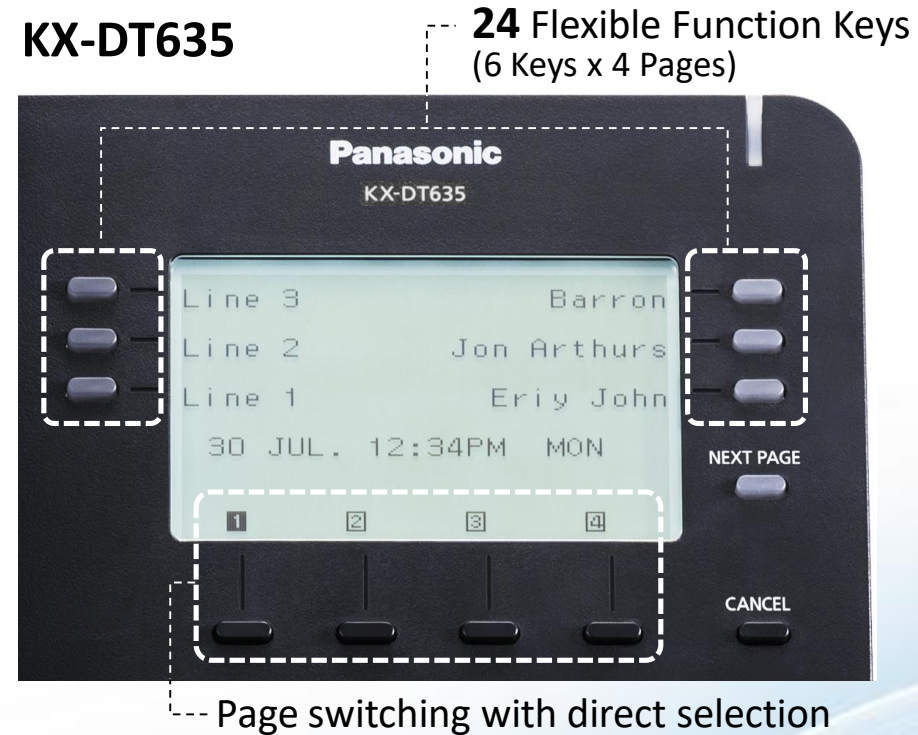
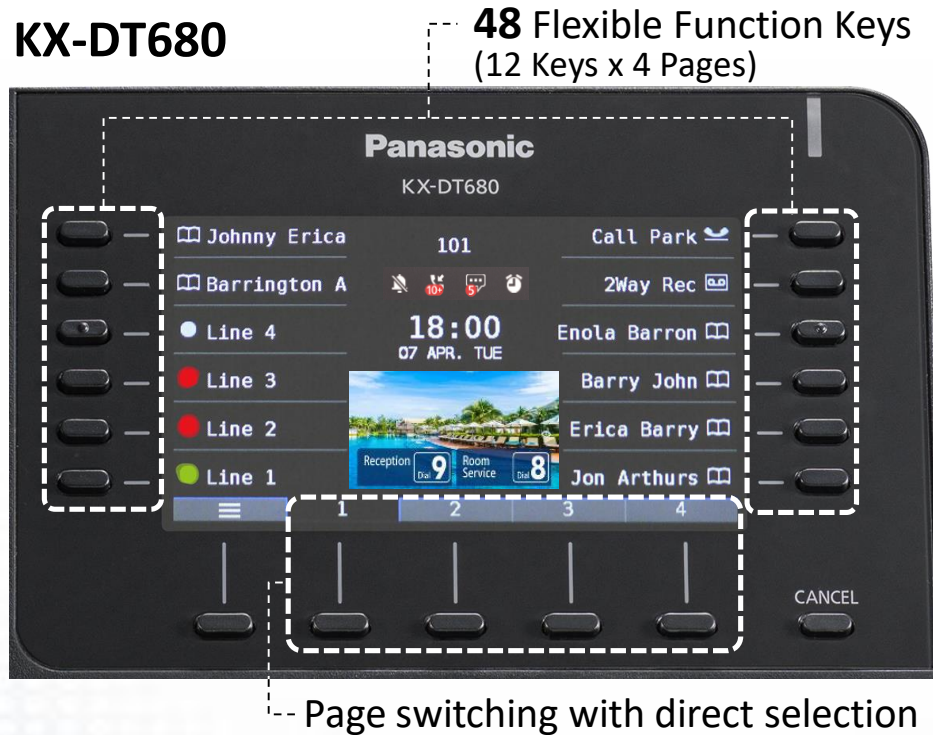
Making all information visible at a glance is never easy. By using the highly intuitive colour LCD screen, every detail is visible with clear indication and context-based icons providing excellent guidance and control.

■ Customization

The KX-DT680 allows an image file to be imported to the display which can include company branding and useful information, guiding user operation or simply to reinforce company messaging throughout the office.

48/24-Key Self Labelling







KX-DT6 telephones support self-labelling of flexible keys and allow easy installation and maintenance.



Built-in EHS

KX-DT6 telephones support Electronic Hook Switch to support compatible cordless headset user operation.

Specifications

	KX-DT680	KX-DT546	KX-DT635	KX-DT543	KX-NT680	KX-NT630
						
LCD for call control and soft keys	Colour 480 x 272 pixel	6 - line	3 - line	3 - line	Color 480 x 272 pixel	3 - line
LCD for Flexible Key Labelling		N/A (paper)	3 - line	N/A (paper)		3 - line
LED for Flexible Keys		Yes	Yes	Yes		Yes
LCD Backlight	Yes	Yes	Yes	Yes	Yes	Yes
LCD Contrast	4 Levels	4 Levels	4 Levels	4 Levels	4 Levels	4 Levels
Flexible Keys	12 x 4 Pages	24	6 x 4 Pages	24	12 x 4 Pages	6 x 4 Pages
Optional DSS Console	No	Yes	No	Yes	No	No
Audio Headset port (2.5mm jack)	Yes	Yes	Yes	Yes	Yes	Yes
EHS (Electronic Hook Switch)	Yes	Yes	Yes	Yes	Yes	No
Bluetooth (Built-in)	No	No	No	No	Yes	No
Optional AC Adaptor	Not required	Not required	Not required	Not required	Yes / PoE	Yes / PoE
XDP / Digital XDP	No	Yes	No	Yes	N/A	N/A
Image File Display	Yes	No	No	No	Yes	No
Firmware Update	Yes	No	Yes	No	Yes	Yes
Supported PBX	NS/(NSX)	TDE/NCP/NS	NS/(NSX)	TDE/NCP/NS	NS/NSX	NS/NSX

PBX Model / Version Compatibility

KX-NS Series System

Main Unit		Expansion Unit		Optional Extension Card	
Model	Version	Model	Version	Model	Version
KX-NS500/700	8.200 or later	KX-NS520/720	9.035 or later	KX-NS5170 (DHLC4) KX-NS5171 (DLC8) KX-NS5172 (DLC16)	8.200 or later
KX-NS1000	8.200 or later	KX-NS0131 (Stacking Card for KX-NCP Series) Cabinet : KX-NCP500/1000 KX-NS1020	8.200 or later	KX-NCP1170 (DHLC4) KX-NCP1171 (DLC8) KX-NCP1172 (DHLC8)	(No Firmware Update Required)
		KX-NS0132 (Stacking Card for KX-TDA/TDE Series) Cabinet : KX-TDE100/200/600/620 KX-TDA100/200/600/620 KX-TDA100D	8.200 or later	KX-TDA0170 (DHLC8) KX-TDA0171 (DLC8) KX-TDA0172 (DHLC8)	8.200 or later

KX-NSX Series System

Main Unit		Expansion Gateway		Expansion Unit		Optional Extension Card	
Model	Version	Model	Version	Model	Version	Model	Version
KX-NSX1000 KX-NSX2000	5.200 or later	KX-NS500/700	5.200* or later	KX-NS520/720	9.035 or later	KX-NS5170 (DHLC4) KX-NS5171 (DLC8) KX-NS5172 (DLC16)	8.200 or later
		KX-NS1000	5.200* or later	KX-NS0132 (Stacking Card for KX-TDA/TDE Series) Cabinet : KX-TDE100/200/600/620 KX-TDA100/200/600/620 KX-TDA100D	8.200 or later	KX-TDA0170 (DHLC8) KX-TDA0171 (DLC8) KX-TDA0172 (DHLC8)	8.200 or later

Firmware for Expansion Gateway

Replacement Opportunities

Existing Legacy Telephone System



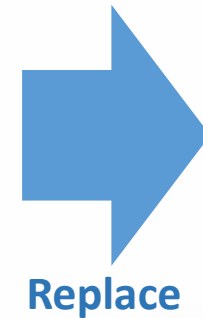
KX-TDA series PBX

KX-DT3 series digital phone



KX-TDE/NCP series PBX

KX-DT5 series digital phone



New System

KX-NS/NSX series PBX



KX-NS700



KX-DT6 series digital phone



KX-DT680

KX-DT635

- Built-in Unified Communication
- SIP and Mobile Support
- Remote Worker solutions
- Web Maintenance

- Slim Design
- 48/24-Key Self Labeling
- Colour Display
- Customization

Future System Expansion

KX-DT6 telephones have the same look and design as **Panasonic KX-NT6 Series IP telephones** which allows seamless expansion or migration to IP telephony with a consistent user experience in one system. Also, KX-NS/NSX solutions with KX-NT6 telephones support remote extension features.

KX-NS/NSX series PBX



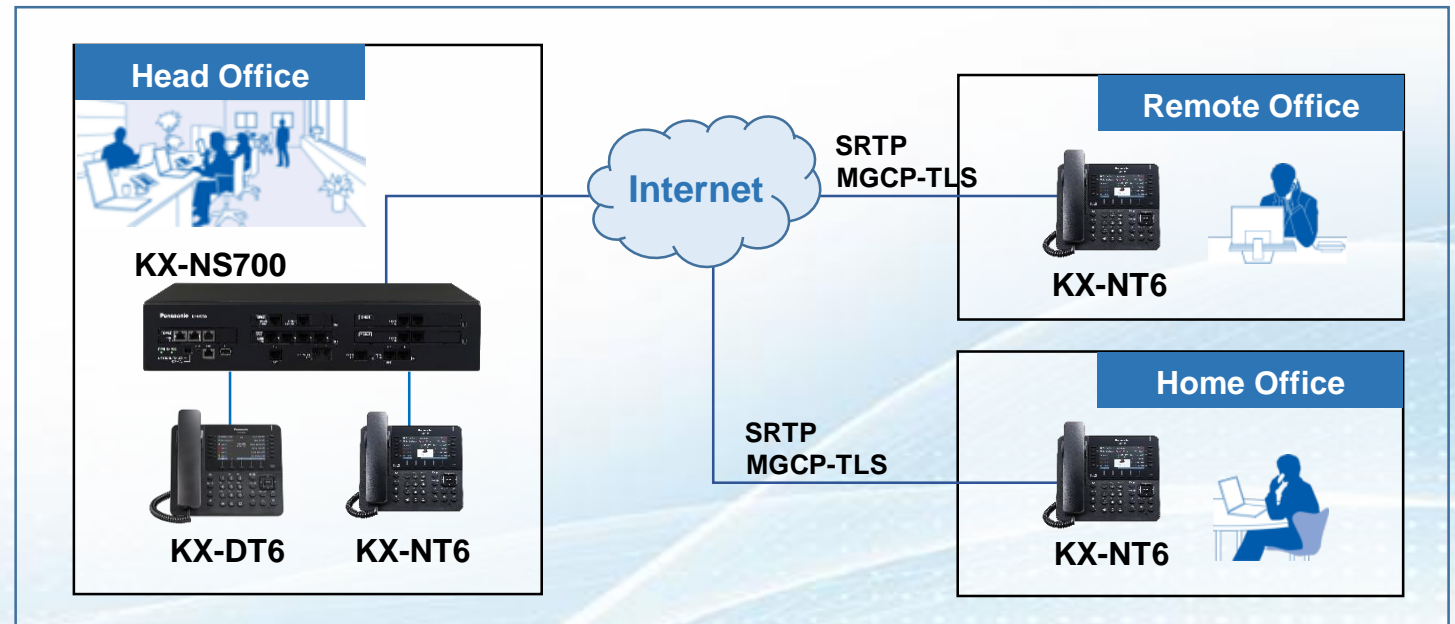
KX-DT680 / DT635
Digital telephone



KX-NT680 / NT630
IP telephone

KX-NT6 for Remote Workers

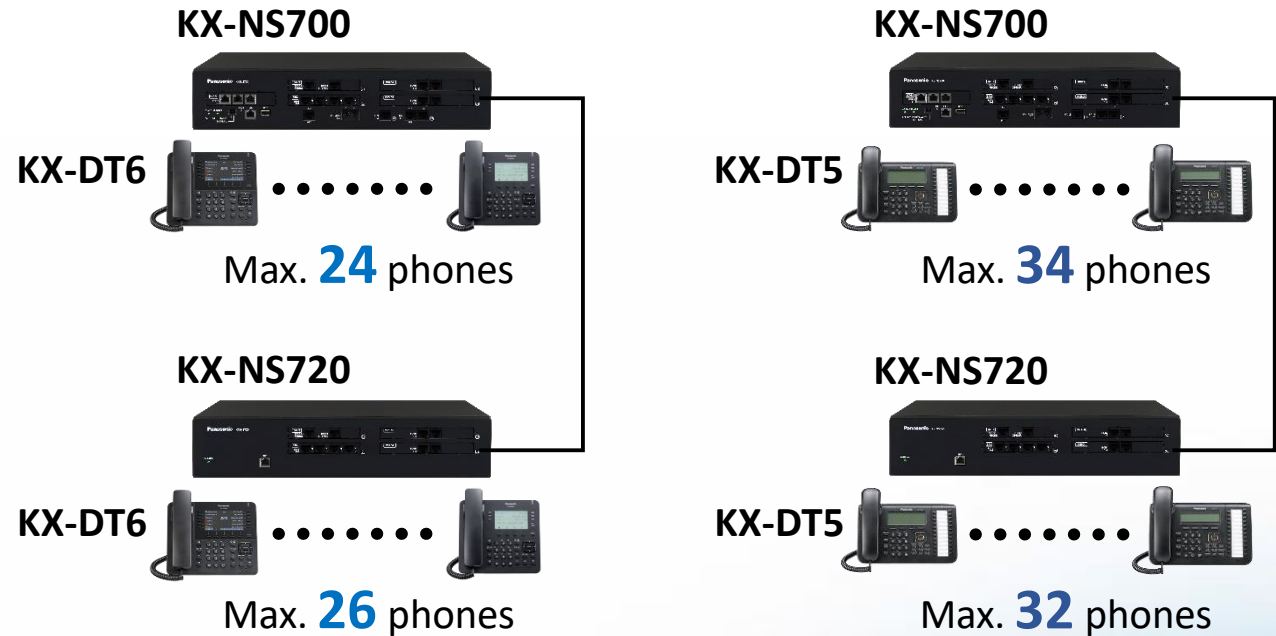
KX-NS/NSX Series systems with KX-NT6 telephones support VPN-less remote IP extension connectivity with safe and secure communication guaranteed through SRTP and MGCP-TLS encryption protocols built in to the solution as standard.



Conditions : Telephone Capacity per System

KX-DT6 telephones consume slightly more resource than previous digital models (e.g. KX-DT5 series) and so the maximum capacity for the KX-NS700 cabinet is reduced to 24.

In some cases, it may be necessary to expand a system with KX-NS720 units. Each KX-NS720 cabinet supports up to 26 KX-DT6 phones.



Conditions : Digital eXtra Device Port

KX-DT6 telephones do not support DXDP for connection to other digital telephones.

