Features & Functions

Indicator

LCD Display (2 Lines x 16-Character Display)

Programmable Keys

Wall Mountable
(Built-in Wall Mount Kit)

Adjustable Legs

Functionality	6TD	6TXD	12TD	12TXD
Alphanumeric Display (Lines x Character)	No	Yes (2x16)	No	Yes (2x16)
Additional PRG Keys	10	10	10	10
Programmable Keys	6	6	12	12
Handsfree	No (Talk Back)	Yes	No (Talk Back)	Yes
Clear/Check Key	No	Yes	No	Yes
Compatible with DLS/DSS Console	No	Yes	No	Yes
Wall Mount Kit	Yes (Built-In)	Yes (Built-In)	Yes (Built-In)	Yes (Built-In)
Adjustable Legs	Yes (Built-In)	Yes (Built-In)	Yes (Built-In)	Yes (Built-In)

Note: BLF (Busy Lamp Field) on the Additional Programmable Keys is not available on standard type keyphones (12TD / 6TD).

Features List

Abbreviated Dialing
Account Codes
Alarm
Alphanumeric Display
Attendant Call Queuing
Automatic Route Selection (F-Route)
Background Music
*Barge In
Call Forwarding
 – Fixed
 – Off-Premise
 – Abbreviated Dial
 – Follow Me
Call Forwarding/Do Not Disturb Override
Call Redirect
Call Timer
Call Waiting / Camp On
Callback
Caller ID
Central Office Calls, Answering
Central Office Calls, Placing
Class of Service
Conference
 (Max 8 conference calls x 4 groups)
Conference, Voice Call/Privacy Release
Continued Dialing

Department Calling
Department Step Calling
Dial Number Preview
Dial Pad Confirmation Tone
Dial Tone Detection
Direct Inward Line (DIL)
Direct Inward System Access (DISA)
*Direct Station Selection
 (DSS) Console
Directed Call Pickup
Do Not Disturb
*Door Box
Fax Machine Compatibility
Flash
Flexible System Numbering
Forced Trunk Disconnect
Group Call Pickup
Handsfree and Monitor
Handsfree Answerback/
 Forced Intercom Ringing
*Headset Operation
Hold
Hotline
Intercom
Last Number Redial
Least Cost Routing (LCR)

Line Preference
Long Conversation Cutoff
Loop Keys
Meet Me
 – Conference
 – Paging
 – Paging Transfer
Memo Dial
Message Waiting
Microphone Cutoff
Multiple Directory Numbers /
 Call Coverage
Music on Hold
Name Storing
Night Service
Off Hook Signaling
*Paging, External
Paging, Internal
Park Hold
PBX Compatibility
Prime Line Selection
Private Line
Programmable Function Keys
Pulse to Tone Conversion
Repeat Dial
Ring Groups

Ringdown Extension,
 Internal/External
Room Monitor
Save Number Dialed
Secretary Call (Buzzer)
Secretary Call Pickup
Selectable Display Messaging
Serial Call
*Station Message Detail Recording
Tandem Trunking
 (Unsupervised Conference)
Time and Date
Toll Restriction
 – Dial Block
 – Overrride
Transfer
Trunk Group Routing
Trunk Groups
Trunk Queuing/Camp On
*Voice Mail
*Voice Response System (VRS)
Volume Controls
Warning Tone For Long Conversation

*Optional features

Specifications

	Main KSU	Main KSU + 1 Exp. KSU	Main KSU + 2 Exp. KSU
Analog Trunk	9	18	27
Key Telephone	(24)	(48)	(72)
Single Line Telephone	(24) 24 (Total)	(48) 48 (Total)	(72) 72 (Total)
DSS Console	(3)	(6)	(9)
Virtual Extension	50	50	50
Euro-ISDN (BRI)	8 (16ch)	16 (32ch)	24 (48ch)
DLS Console	24	48	72
Doorphone Box	2	4	6
External Paging Output	(2)	(4)	(6)
External MOH Input	(2) 2 (Total)	(2) 4 (Total)	(2) 6 (Total)
BGM Input	(2)	(2)	(2)
Power Failure Transfer	3	6	9
External Backup Battery	1	2	3

Mechanical Specifications

	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
924M/924ME KSU	360	90	275	2.8 fully equipped
OPBOX	130	86	279	1.1 fully equipped
Backup Battery Box	384	99	182	5.2 fully equipped

Electrical Specifications

Input Voltage (Frequency)	100 / 240 VAC (50 / 60 Hz)
Power Consumption	120W

NEC
Keyphones

Distributor / Dealer :

NEC Infrontia Asia Pacific
Website: www.necinfrontia-ap.com

Empowered by Innovation

NEC

Aspila

TOPAZ
Intelligent Hybrid System

The affordable, expandable solution for expanding small and medium businesses

Aspila Topaz
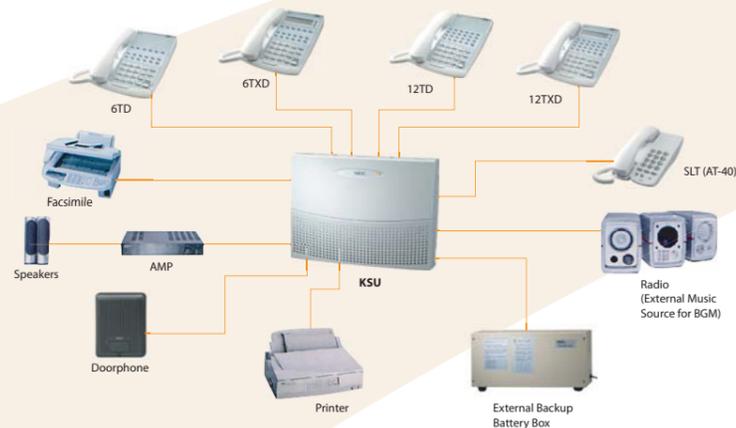## Smart Solutions, Simply Affordable

Prepare for the future with Aspila Topaz, the new digital keyphone system. Designed to grow with small businesses, it allows expansion from 3 trunks/8 extensions to 27 trunks/72 extensions. It also comes complete with ISDN BRI support, hybrid ports to fit any phone, built-in caller ID detection and transmission, built-in DISA function, Voice Response System and best of all, NEC's reputation for quality. Aspila Topaz incorporates performance and intelligence into a scalable design. Open up your company's communication capabilities and be amazed.

Protect your investment

Flexible, expandable, power-packed with features. However you look at it, Aspila Topaz is the smart investment that will grow with your business. Save money in the long run with its intelligent cost-cutting features.

6TD

6TXD

12TD

12TXD

AT-40

DLS

DSS

System Connection Diagram

6TD

6TXD

12TD

12TXD

Facsimile

Speakers

AMP

KSU

Doorphone

Printer

SLT (AT-40)

Radio
(External Music
Source for BGM)

External Backup
Battery Box

High-performance Design

Scalability

Aspila Topaz comes with a standard configuration of 3 trunks and 8 extensions. Starting with what you need or already have, just add on to a maximum of 27 trunks, 72 extensions as your company grows!

Fully Hybrid Ports

You can forget about ports dedicated to specific types of terminals. With hybrid ports, you can mix and match any combination of analogue single line telephones (SLT), digital keyphones, modems, facsimile machines, answering machines, and more. It's flexibility catered to your needs.

Euro-ISDN BRI Support

Take advantage of the integration of voice and data, the latest trend in telecommunications.

You can also enjoy supplementary services* like ISDN DDI/MSN, CLIP and others provided by your local service provider.

*Please contact your service provider about supplementary services in your area.
**OP Box provides additional slot for ISDN BRI

User-friendly Technology

Aspila Topaz is designed to make installation, upgrading and maintenance a breeze, thus saving precious business time.

Main KSU (308 to 624)   SOHO Range

Exp. KSU (to 1648)

Exp. KSU (to 2772)
Medium Office Range

KSU + OP Box**

Intelligence & Innovation

Built-in Caller ID Detection and Transmission*

Caller ID function displays the telephone numbers of incoming calls and/or names so you can know who's calling before answering the phone. You can also view records of up to 16 missed calls.

*Please contact your supplier or dealer about caller ID service in your area.

Least Cost Routing (LCR) / Automatic Route Selection (ARS)

If you have more than one telephone service provider, Aspila Topaz automatically selects the cheapest call rates from the service provider of your choice.

Expert Call Handling

Voice Response System (VRS) and Voice Mail

The VRS allows you to record up to 48 VRS messages, including Automated Attendant greetings and a General Message. This results in prompt, accurate handling of incoming calls. As these messages are personalised, incoming calls can be handled in the user's native language.

The advantage of built-in VRS and Voice Mail is that they do not occupy any extension ports from the system.

When the outside caller leaves a message to an absent extension, the system can automatically place a call to the pager or external phone number preset by the user. Messages can then be accessed and required responses made from outside.

Thank you for calling....

Please call me back...

Outside
Caller

PSTN

Plug in

DSPDB-A1   +   CF-B1

◊ Fully Integrated Voice Solution is possible.

Call Forwarding Off Premises

Incoming calls can be redirected to your mobile or other number if you are not at your desk. This call forwarding function can be set easily on the keyphone without having to program it on the main system.

Outside
Caller

PSTN

Handphone

House