

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

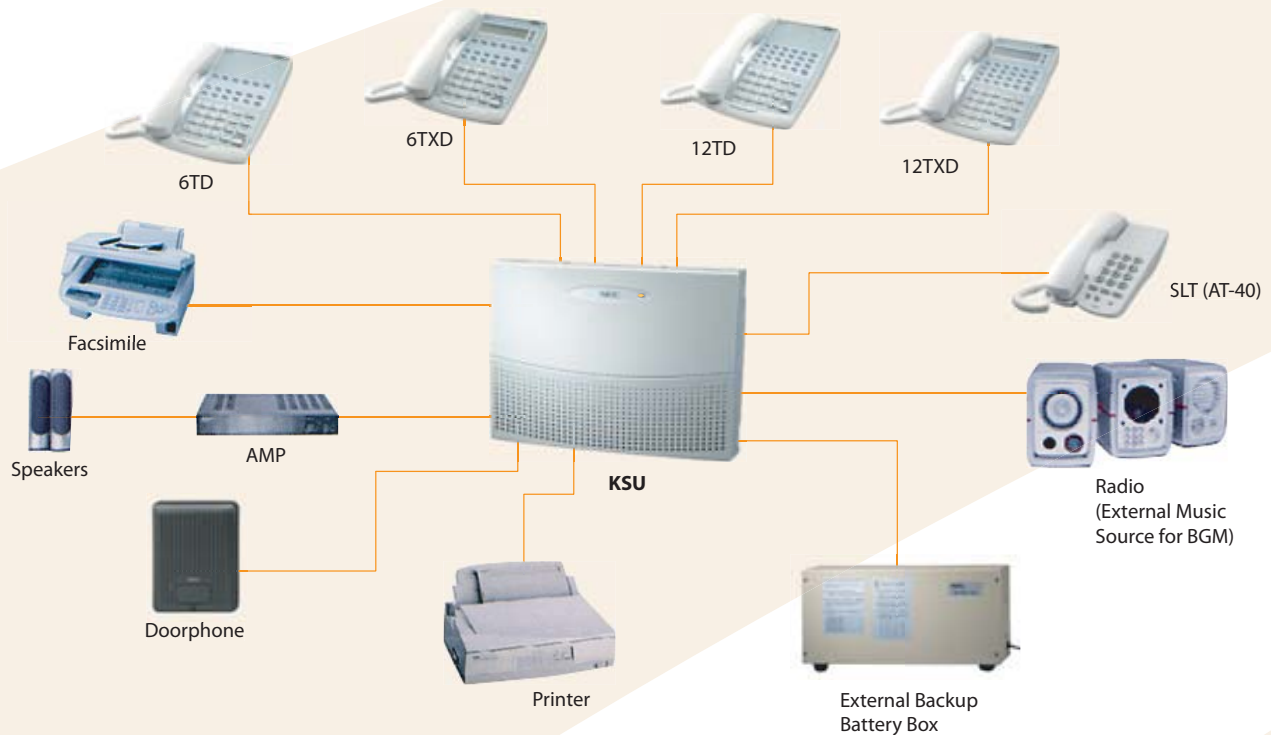
Prepare for the future with Aspila Topaz, the new digital keyphone system. Designed to grow with small businesses, it allows expansion from 3 trunks/8 extensions to 27 trunks/72 extensions. It also comes complete with ISDN BRI support, hybrid ports to fit any phone, built-in caller ID detection and transmission, 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.



# System Connection Diagram



## 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

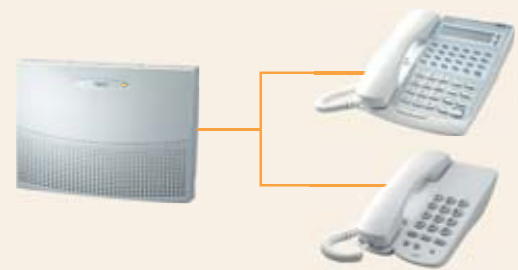
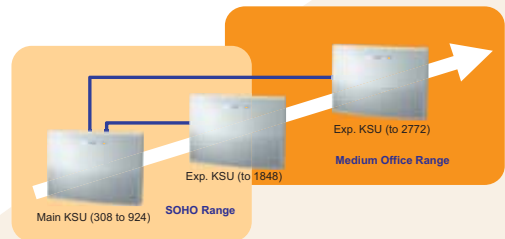
Take advantage of the integration of voice and data, the latest trend in telecommunications.

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.



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.

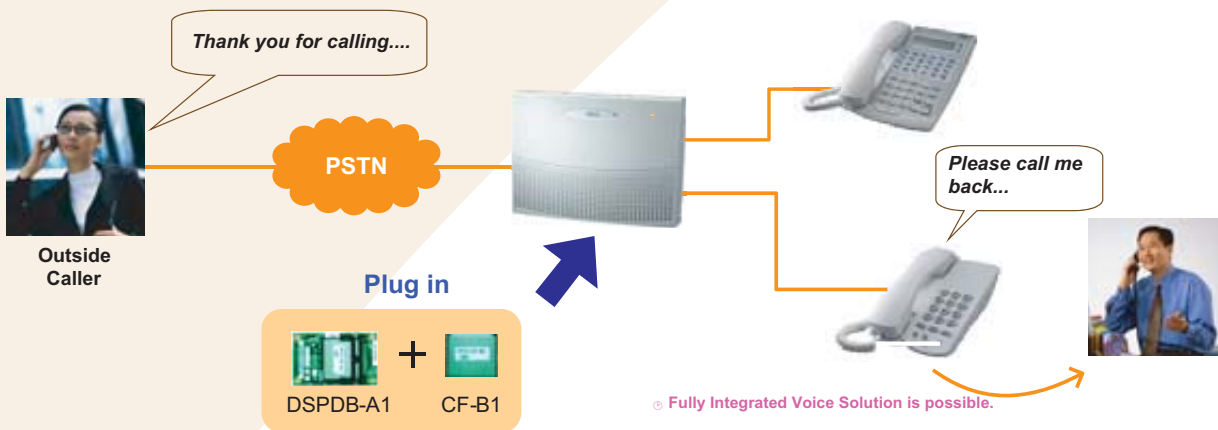
## Expert Call Handling

### 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.



### 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.



# 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	Department Calling	Line Preference	Ringdown Extension, Internal/External
Account Codes	Department Step Calling	Long Conversation Cutoff	Room Monitor
Alarm	Dial Number Preview	Loop Keys	Save Number Dialed
Alphanumeric Display	Dial Pad Confirmation Tone	Meet Me	Secretary Call (Buzzer)
Attendant Call Queuing	Dial Tone Detection	- Conference	Secretary Call Pickup
Automatic Route Selection (F-Route)	Direct Inward Line (DIL)	- Paging	Selectable Display Messaging
Background Music	Direct Inward System Access (DISA)	- Paging Transfer	Serial Call
*Barge In	*Direct Station Selection	Memo Dial	*Station Message Detail Recording
Call Forwarding	(DSS) Console	Message Waiting	Tandem Trunking (Unsupervised Conference)
- Fixed	Directed Call Pickup	Microphone Cutoff	Time and Date
- Off-Premise	Do Not Disturb	Multiple Directory Numbers / Call Coverage	Toll Restriction
- Abbreviated Dial	*Door Box	Music on Hold	- Dial Block
- Follow Me	Fax Machine Compatibility	Name Storing	- Override
Call Forwarding/Do Not Disturb Override	Flash	Night Service	Transfer
Call Redirect	Flexible System Numbering	Off Hook Signaling	Trunk Group Routing
Call Timer	Forced Trunk Disconnect	*Paging, External	Trunk Groups
Call Waiting / Camp On	Group Call Pickup	Paging, Internal	Trunk Queuing/Camp On
Callback	Handsfree and Monitor	Park Hold	*Voice Mail
Caller ID	Handsfree Answerback/ Forced Intercom Ringing	PBX Compatibility	*Voice Response System (VRS)
Central Office Calls, Answering	*Headset Operation	Prime Line Selection	Volume Controls
Central Office Calls, Placing	Hold	Private Line	Warning Tone For Long Conversation
Class of Service	Hotline	Programmable Function Keys	
Conference	Intercom	Pulse to Tone Conversion	
(Max 8 conference calls x 4 groups)	Last Number Redial	Repeat Dial	
Conference, Voice Call/Privacy Release	Least Cost Routing (LCR)	Ring Groups	
Continued Dialing			*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



### Guaranteed NEC INFRONTIA Quality

When you buy Aspila Topaz products, you also buy part of the NEC INFRONTIA legacy that began in 1918. As a worldwide manufacturer of telecommunications and electronic systems, we produce all of our products with performance and reliability in mind.

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