

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



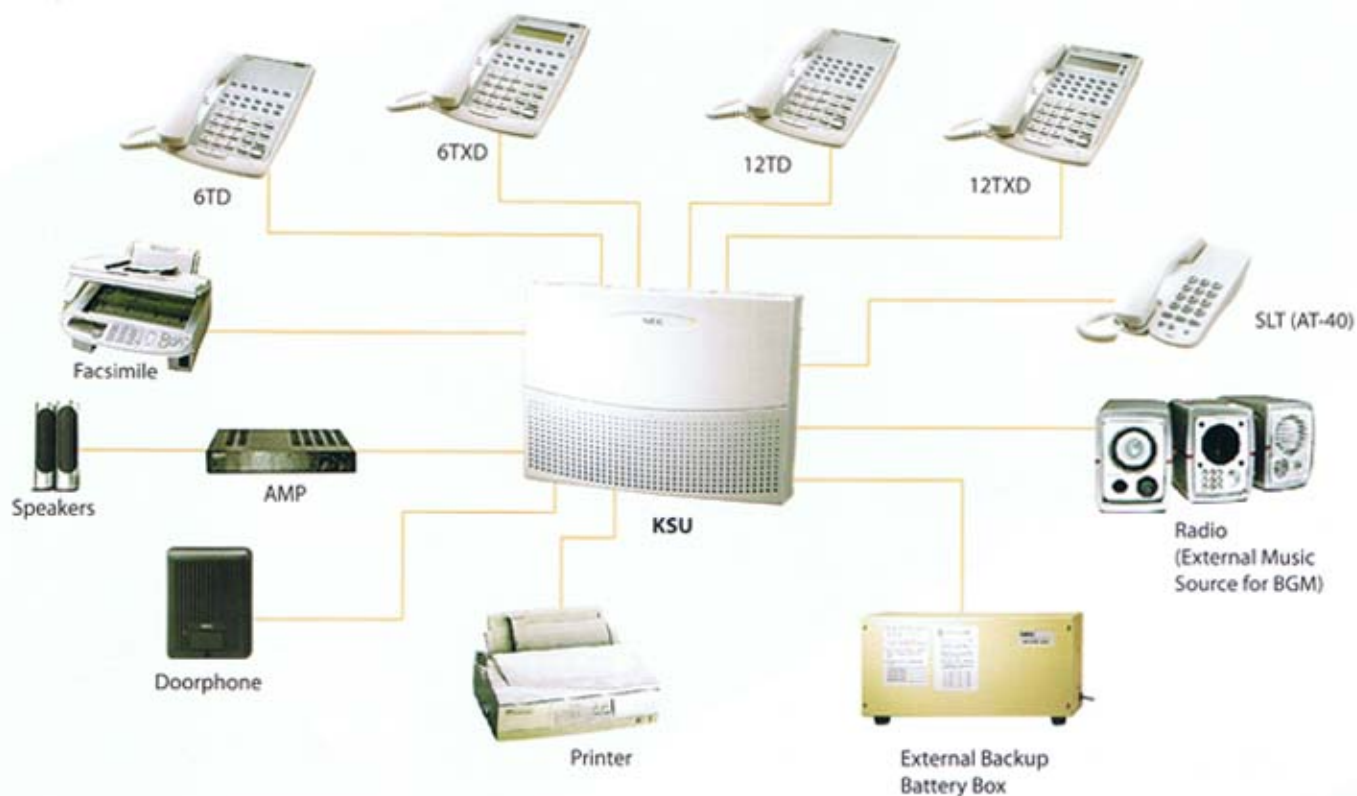
DLS



DSS



System Connection Diagram



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), proprietary 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.

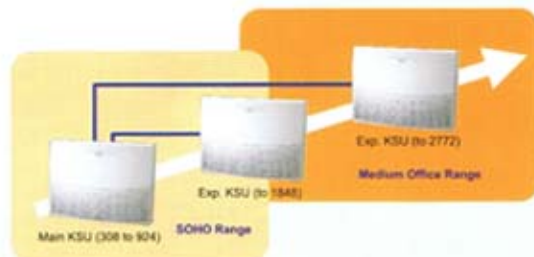
You can also enjoy supplementary services* like ISDN DDI/MSN, CLIP and others provided by your local service provider.

*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.

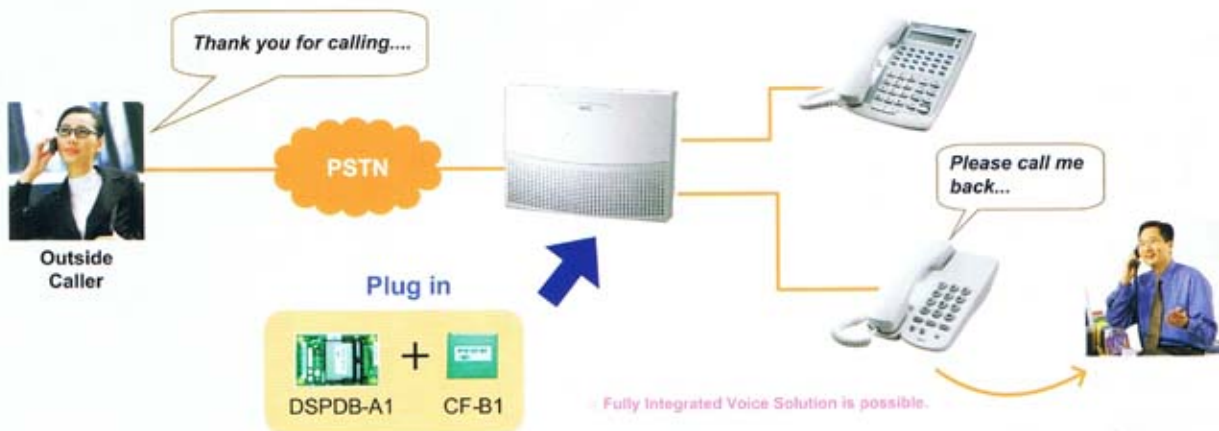
Expert Call Handling

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
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

- Override

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



Guaranteed NEC INFRONTIA Quality

When you buy Asplia 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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