

Empowered by Innovation

NEC

- Telephone System for small and medium businesses
- Built-in Caller Display for effective communication
- Full Hybrid Ports for flexible phone connection



Aspila **TOPAZ**

Intelligent Hybrid System



Aspila TOPAZ

Smart Solutions, Simply, Affordable

For too long, the most powerful and innovative telephone systems have only been within the reach of large corporations. With Aspila Topaz this is no longer the case. Designed to satisfy the growing needs of small and medium businesses, this is a professional, flexible and easy to use telephone communication system at a price that makes perfect sense.

No matter how good your products and services are, your success is ultimately determined by how well you look after your customers, Aspila Topaz gives you the features you need to present an efficient, friendly and polished communication that will delight your customers and help grow your profits.

Investment Protection

Flexible, expandable, with power-packed 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

New DSP technology

DSP (Digital Signal Processor)

- Powerful VoIP Performance
- Built-in caller ID Detection
- Voice Response System (VRS) and Voice Mail
- Multiple parties Telephone Conference

System Connection Diagram



6TD



6TXD



AT45



12TD



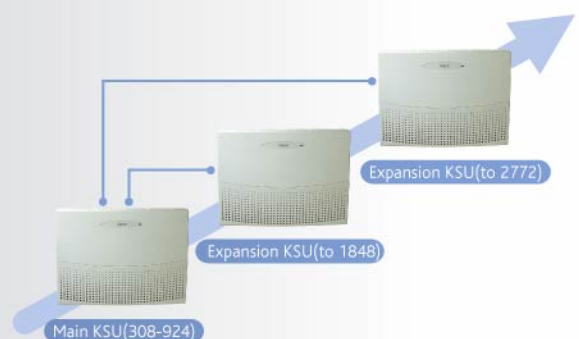
12TXD



High-performance Design

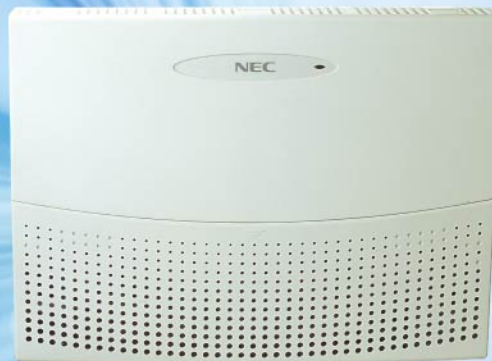
Scalability

Aspila Topaz allows for expansion from the minimum of 3 trunks and 8 extensions to the maximum of 27 trunks, 12 analog DDI trunks and 72 extensions without compromising efficiency as your company grows.



Aspila TOPAZ

Intelligent Hybrid System



Doorphone



Speakers



BGM/MOH



Printer



Facsimile

KSU

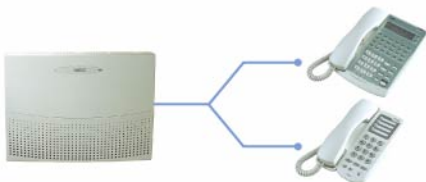
DSS

DLS



Fully Hybrid Systems

Aspila Topaz's Full Hybrid Ports allow seamless integration of single line telephones, proprietary key telephones, modems, facsimiles, answering machines and more. You have the choice to select the type of terminals that best fits your needs.



VoIP over Internet Protocol (VoIP)

Aspila Topaz's VoIP* feature is ready to take advantage of the converging world between voice and data communication by integrating and transmitting voice, fax and data over packet-switched IP-based networks.

Aspila Topaz supports both commonly used standards in IP communications, namely H.323 and Session Initiation Protocol

(SIP)**

*VoIP features require optional items

**Compatibility of SIP is subject to the carrier network subscribed

Web Based Configuration Manager (Administrator/User)

Administration of the system has never been easier with the intuitive Graphical User Interface (GUI). Aspila Topaz comes equipped with 2 types of Web Based System Configuration Manager. One for the administrator and the other for extension users.

Direct Dialling In (DDI)

Direct Dialling-In can improve call routing by offering more telephone numbers than you have lines so each user has their own unique external telephone number. DDIs can be routed to individual staff members, departments, voice mailboxes or via an automated attendant. With DDI names, a single member of staff can answer calls for multiple departments or companies.

Built-in incoming caller-ID Display

Intelligence & Innovation

Built-in incoming caller-ID Display

Adoption of latest DSP technique without require of any optional parts, it supports caller identity display both from digital and analog trunks, then display caller identity in proprietary phone and single line telephone as well.

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

If you engage more than one telephone service provider, Aspila Topaz will automatically utilize pre-programmed LCR/ARS table and type of operation to identify the most competitive call rates when routing outgoing calls.

Expert Call Handling

Voice Response System (VRS)*

Voice Response System (VRS) provides various voice facilities namely Automated Attendant, Voice Announcement, Greetings, and others to increase your productivity and efficiency.

Aspila Topaz provides multiple levels of Automated Attendant** that guides callers to reach the desired extension or group without going through a telephone operator. You may personalize the message by recording it from your extension. This feature will improve the efficiency of handling incoming calls and overall customer service.

*Optional item (DSPDB) is required

**Not more than 48 Greeting Message with 120 seconds each

Telephone conference with multiple parties

Conference lets an extension user add additional inside and outside callers to their conversation. With Conference, a user may set up a multiple-party telephone meeting without leaving the office.



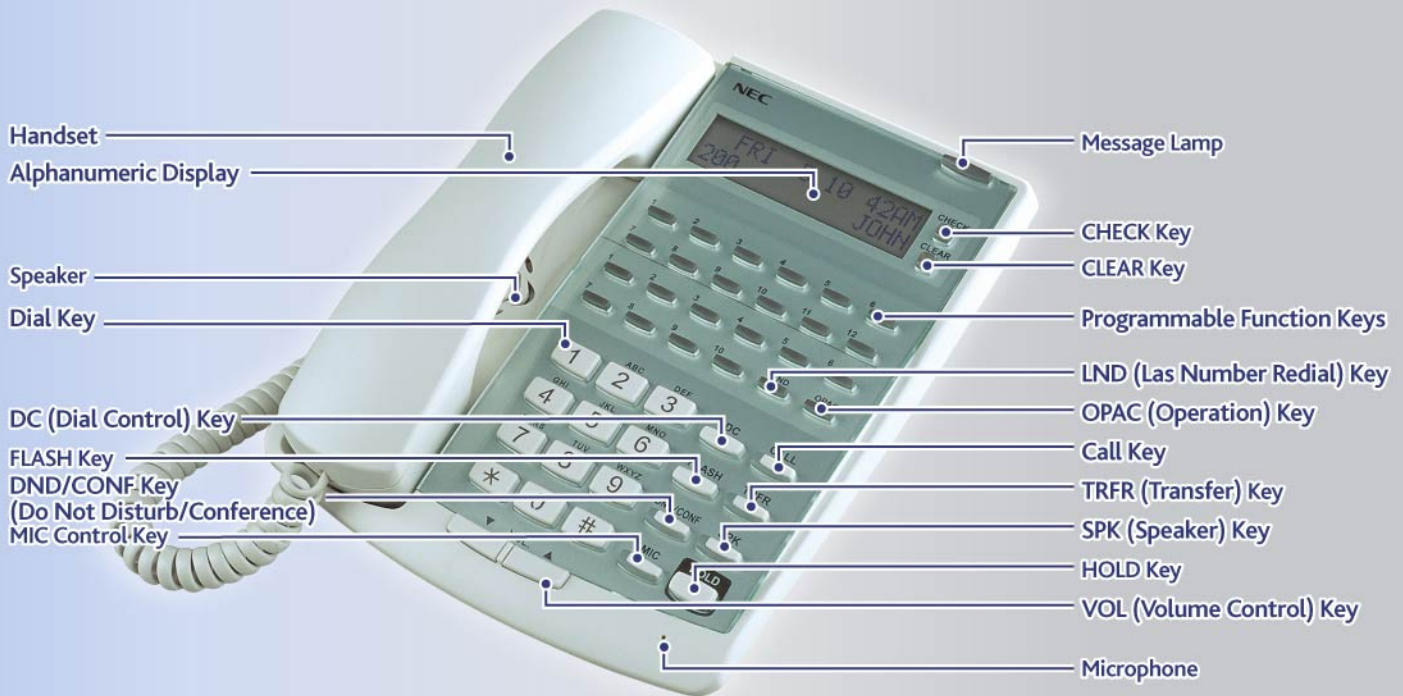
Call Forwarding

Call Forwarding feature enables incoming calls to be redirected automatically to another extensions or an external number (mobile phone, home and etc.) when you are not available to answer the calls. You may selected the type of call forwarding conditions (immediate / when Busy / when No-Answer), designated number and activate it easily from your extension.



Aspila TOPAZ

Features & Functions



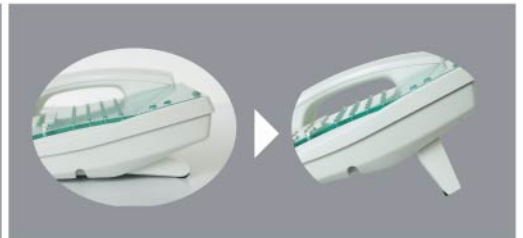
Key Telephone
12TXD

Maximum System Capacities

Item	Topaz
Extension	
924M(308M+308E+308E)/924ME(308ME+308E+308E)	
◆ Extension Ports	24
Virtual Extension Port Numbers	01-50
Class of Service	15
Operator Extension	1-8
DSS Console Number	1-9
DSS Console Maximum Installed	9
DLS Console Maximum Installed	72
Door Phone	1-6
Ringdown Assignment	122
Abbreviated Dialing	
Abbreviated Dialing Groups	1-32
Abbreviated Dial Bins	0-1999
Automated Attendant	
VRS Message Numbers	1-48
Conference	
Conference Circuits	8 parties (x 4)
Department and Pickup Groups	
Department (Extension) Group Numbers	1-32
Call Pickup Group Numbers	1-8
Hotline	
Internal Hotline	72
External Hotline	27
Paging and Park	
Internal Page Group Numbers	32
External Page Group Numbers	6
External Speakers	6
Park Group Numbers	1-64
Voice Mail(DSPDBU)	
Voice Mail(DSPDB) Mailboxes	300
Voice Mail Channels	8



1.Wall Mountable(Built-in Wall Mount Kit)



2.Adjustable Legs

Features List

	6TD	6TXD	12TD	12TXD
Alphanumeric Display (Lines x Character)	No	Yes(2x16)	No	Yes(2x16)
Additional PRG Function Keys	10	10	10	10
Programmable Keys	6	6	12	12
Display	No	Yes	No	Yes
Handsfree	No (Talk Back)	Yes	No (Talk Back)	Yes
Clear/Check Key	No	Yes	No	Yes
Compatible with DLS 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)

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
 - Incoming Call Restriction When No Caller-ID (Private)
 - Incoming Call Restriction by Caller-ID
 - Flexible Ringing by Caller-ID
- Central Office Calls, Answering
- Central Office Calls, Placing
- Class of Service
- Conference
- 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
- LCR-Least Cost Routing
- Line Preference
- Long Conversation Cutoff
- Loop Keys
- Meet Me Conference
- Meet Me Paging
- Meet Me 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
- PBX Compatibility
- Prime Line Selection
- Private Line
- Programmable Function Keys
- Pulse to Tone Conversion
- Remote Conference
- Repeat Redial
- Ring Groups
- Ringdown Extension, Internal/External
- Room Monitor
- Save Number Dialed
- Secretary Call (Buzzer)
- Secretary Call Pickup
- Selectable Display Messaging
- Serial Call
- Single Line Telephones, Analogue Sets
- Station Message Detail Recording*
- Tandem Trunking (Unsupervised Conference)
- Time and Date
- Toll Restriction
- Toll Restriction, Dial Block
- Toll Restriction Override
- Transfer
- Trunk Group Routing
- Trunk Groups
- Trunk Queuing/Camp On
- Virtual Extensions
- Voice Mail*
- Voice Response System(VRS)*
- Volume Controls
- Warning Tone For Long Conversation
- Web Based Configuration Manager

☆Option features

Mechanical Specifications

Item	Width(mm)	Depth(mm)	Height(mm)	Weight(kg)
924M/924ME KSU	360	90	275	2.8 full equipped
OPBOX	146	86	279	1.1 full equipped
Backup Battery Box	384	99	182	5.2 full equipped

Specifications

Item	Main KSU	Main KSU + 1Exp.KSU	Main KSU + 2Exp.KSU
Analog Trunk	9	18	27
DDI	4	8	12
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

Electrical Specifications

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

CCC Certificate



Type Approval Certificate



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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