

DIGITAL/ANALOGUE HYBRID PABX UNIT



Aspire

(Extension housing not shown)

The model Aspire is a solid state PABX exchange unit accepting digital as well analogue telephone sets. This PABX's exchange is free local programmable or by distance when a modem has been provided. This allows changes to the system from what any location.

Specifications.

Hardware

Base housing	: 1 (Max 128 analogue or digital ports)
Extension housing	: 1 (Max 128 analogue or digital ports)
Max. analogue trunks	: 128
Max. digital trunks	: 200
Max. communication channels:	256
Max. digital extensions	: 256 (not simultaneous)
Max. analogue extensions	: 256 (not simultaneous)
Max. allowed ports	: 256
DECT system	: Analogue/RNIS
Maximum Operator desks DSS:	32
Power requirements	: 100-240VAC/50-60Hz +/-10% or 48VDC (Max 51,1VDC)
Protection	: IP23
Approvals	: CE mark and Europe PTT approvals.
Dimensions (HxWxD)	: 394x419x270mm (Base housing. Same dimensions for extension housing)
Operation temp	: Minus 10°C to 45°C
Shipping weight	: 26Kg (fully equipped.)
(Base housing)	

Features PABX

See page 2 of 2 describing the features.

Aspire Feature List

Attendant Features

- Assigned Night Answer (ANA)
- Attendant Camp On
- Attendant Position
- Attendant Transfer
- Automatic Hold
- Dial 0 For Attendant
- Split Hold(Line To Line Hold For Attendant)

VoIP Features

- Internal DHCP Server
- IP Terminal - Automatic Firmware Update
- IP Terminal - Automatic Phone Registration
- IP Terminal - H.323 Phone
 - Incoming & Outgoing Calls
 - Hold & Transfer Of Calls
- IP Terminal - Non Peer-to-Peer Connection
- IP Terminal - Peer-to-Peer Connection
- IP Trunk - H.323
 - Basic Function
 - Gatekeeper Router/Direct Connection
 - Fax Relay
- Layer 2 QoS
- Layer 3 QoS (IP Precedence/DiffServ)
- Networking by VOIP
- Simple Internal Gatekeeper
- VLAN Tagging

System Features

- 110 Button DSS Console
- Abbreviated Dial/Name Registration
- Abbreviated Dialing - Common/Group
- Account Code
- Answer Machine Emulation
- Automated Attendant
- Automatic Answer With Delay Message
- Automatic Call Distribution (ACD)
- Automatic Day/Night Mode Switching
- Automatic Number Identification (ANI) On T1
- Automatic Route Selection (ARS)
- Automatic Trunk To Trunk Transfer
- Battery Backup - System Power Behind PBX Operation
- Callback
- Caller ID
- Caller ID Block
- Caller ID For Single Line Telephone
- Centralized Voice Mail
- Chain Dial
- Class Of Service
- Clear Down
- Clock Alarm-1, Alarm-2
- Conference - Add On Conference
- Conference - Multi-Trunk

- Conversation Recording (Voice Mail)
- Conversation Recording (ACI port)
- Cordless Telephone Connection
- Daylight Saving
- Delayed Ringing
- Dial Block
- Dial Tone Detect
- Dialed Number Identification Service (DNIS)
- Direct In Line (DIL)
- Direct Inward Dial (DID)
- Direct Inward System Access (DISA)
- Directed Call Pickup - Extension,Group
- DISA - External CFW Setting By Remote
- Door Lock Release
- Door Phone Call
- E&M Tie Lines(2wire) & (4wire)
- E911
- External Call Forwarding For Doorphone
- External MOH Control
- External Paging
- Fixed Call Forward - Off Premise
- Flexible Numbering Plan
- Flexible Ringing Assignment
- Flexible Timeouts
- Forced Intercom Ringing
- Forced Trunk Disconnect
- Full Universal Slots
- General Purpose Relay
- Hold - Park Hold
- Hot Line (Ringdown) - Internal, External
- Hotel Motel Package (w/Property Management Option)
- Howler Tone
- InDepth Integration
- Intercom - Voice/Signal Call
- Internal Paging - All, Zone
- ISDN-BRI S - Point
- ISDN-BRI/PRI Trunks
- ISDN-PRI S - Point
- Long Conversation Alarm
- Long Conversation Cutoff
- Music On Hold
- Networking By PRI
- Networking By T1
- Night Service
- Off-Premises Extension
- PC Programming - Local, Remote
- Power Failure Transfer
- Preamble Message
- Presented Calling party number
- Programming from Key-station
- Pulse to DTMF Conversion
- Room Monitor
- Secretary Call Pickup
- Secretary Call (Buzzer)
- Serial Call
- Single Line Telephone Support
- Station Department Calling (Hunting)
- Station Group
- Station Message Detail Recording (SMDR)
- Step Call
- System Alarm
- System Data Up/Down Load
- T1 Connection
- Tandem Connection(E&M)
- TAPI 1.x
- TAPI 2.x
- Toll Restriction
- Toll Restriction Override
- Traffic Management Reports (TMS)
- Transfer - Extension/Trunk
- Transfer to Voice Mail
- Trunk Group
- Trunk Group Key
- Trunk Loop Key
- Trunk Route Assignment
- Universal Answer
- Universal Night Answer (UNA)
- Unsupervised Conference
- User Programming Capability
- VAU Fixed Message
- VAU General Message
- VAU Personal Greeting Message
- VAU Routing
- Voice Mail Integration
- Web Programming

Station Features

- Background Music
- Barge-In
- Busy Lamp Field on Key Telephone
- Call Coverage Key
- Call Forwarding - Device
 - Off Premise
 - Text Message
 - Park & Page
- Call Forwarding - Station
 - Immediate
 - Busy/No Answer
 - No Answer
 - Both Ring
 - Follow Me
 - Answering Machine Emulation
- Call Redirect
- Call Timer
- Call Waiting
- Camp On - Extension
- Camp On - Trunk
- Detail Status Display On Key Telephone
- Dial Number Preview
- Display - Recalled Number Or Name
- Display The Reason Of Transfer
- Distinctive Ringing
- Do Not Disturb (DND)
- Extension Trunk Access
- Group Listening

- Hands-Free Speakerphone
- Hands-Free Talkback
- Handset Mute
- Head Set Mode
- Hook Flash Key (Ground Start) (Programmable)
- Incoming Caller List (Abandoned Call Display)
- Last Number Redial Call List
- Memo Dial
- Message Center Key
- Microphone
- Multi-Language Indication (10 Language)
- Normal Hold/Executive Hold
- Off-Hook Signaling
- One Touch Key
- Prime Line Selection
- Privacy On All Calls
- Programmable Function Keys
- Repeat Dial
- Reverse Voice Over
- Ringing Line Preference
- Saved Number Redial
- Scrolling SPEED Directories
- Selectable Ring Tones
- Soft Key
- Station Message Waiting
- Ringing Line Preference
- Saved Number Redial
- Scrolling SPEED Directories
- Selectable Ring Tones
- Soft Key
- Station Message Waiting
- Text Message - With Busy Indication
- Time And Date Display
- Trunk Name Display
- Virtual Extension Key
- Voice Call Privacy Release
- Voice Over
- Volume Control
- Walking Toll Restriction

Capacities

- Main Cabinet – 128 Analog/Digital Ports
- Expansion Cabinet – 128 Analog/Digital Ports
- 256 Circuit Switched Ports
- Maximums (not simultaneous)
 - 256 Keyset Ports
 - 256 IP Sets
 - 256 Analog Stations
 - 128 Analog Trunks
 - 200 Digital Trunks
 - 200 IP Trunks
 - 8 T1/PRI Cards
 - 32 110DSS Consoles
 - 256 24DLS Consoles