



G18™

Internet Communicator

The **G18™** Internet Communicator System is the first fully integrated wireless voice telephony and data communication solution for Palm® OS handheld computers. The G18 system, with its Springboard™ expansion modules, is designed to work with an existing broadband Internet connection to provide simultaneous wireless Internet and voice telephony for up to 4 users. Designed to be universally adaptable for SOHOs as well as corporate offices, the G18 system will re-define fixed network wireless communication.

Based on proven DECT technology, the G18 is also a multi-handset telephone system with generic access and fixed network roaming capabilities. Digital 1.8GHz spread spectrum technology ensures crystal clear voice and interference free data transmission. XE Link™ technology enables seamless connectivity between the G18 system and MAViS networking solutions. The G18 is designed with a standard software API to enable developers to extend the Internet and choose their own wireless adventure.

G18 Wireless Applications*

- Check flights, weather and stock prices on the Internet
- Real time on-line auctions bidding and on-line special alerts
- HVAC and security automation control
- Data and application radio beaming
- File retrieval and access from a PC
- PC applications control (MP3 player)
- Short Messaging Service (SMS)
- Wireless Application Protocol (WAP)
- More . . .

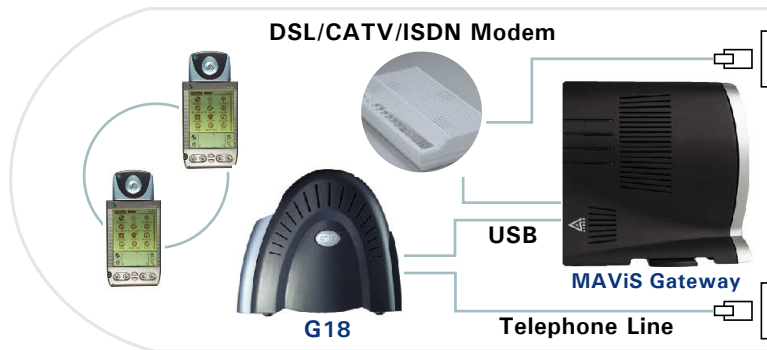
www.arkonnetworks.com

*third-party application software may be required.



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Connection Diagram



Home Office / Small Office

XE Link technology enables connectivity between MAViS and G18

Corporate Office

The G18 is compatible with most analog PBX & key systems

Backend broadband data support for the G24 system is provided by MAViS Residential Gateways or PCs.



Developers

The G18 is compatible with standard Palm® OS modem and data applications. Its standard hardware platform with an open software API is designed for third party application development and customization. The G18 is developed for horizontal and vertical market integration.

Compelling wireless applications to be developed and adapted for the G18 includes:

- Database & server application
- MIS mobile terminal
- Warehouse & inventory logistic
- Network bridging
- Home automation control
- PIM synchronization
- File sharing
- Peer-to-peer networking
- Remote data retrieval from PC
- Email clients
- Instant Messaging (IM)
- Internet Relay Chat (IRC)
- Real time multi-player gaming
- Web browsing/clipping
- Wireless Application Protocol (WAP)
- Head-to-head gaming

For developmental and marketing partnership opportunities, please contact support@arkon.bc.ca

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Features

- 1.8GHz high frequency transmission
- Single PSTN handling capability
- Multiple communicator operation (up to 4 per base)
- 128Kbps system bandwidth for wireless internet access
- PIM synchronization
- Call Forwarding/Transfer/Intercom
- Call display on call waiting
- 3 way call conferencing
- Generic Access
- Integrated dual battery charging & docking cradle
- USB connectivity on base station
- Standard modem API for Palm® applications
- More . . .

Specifications

Frequency☐	☐	1.8GHz DECT
Modulation☐	☐	Direct Sequence Spread Spectrum (DSSS)
☐ ☐ ☐	☐	
Data Rate☐	☐	32 Kbps per communicator
Communicator☐	☐	up to 4 per Base
Ringer☐ ☐	☐	Silent vibrator, 4 ring tones
Battery☐ ☐	☐	800 mAh Li-ion
Peripheral Interface☐	☐	USB 1.1
Phone Line Interface☐	☐	Phone Jack (RJ11)
Dimension☐	☐	module 98 x 58 x 32 mm
☐ ☐ ☐	☐	base 143 x 166 x 54 mm
☐ ☐ ☐	☐	cradle 105 x 131 x 138 mm
Compliance☐	☐	EN 60950
☐ ☐ ☐	☐	ETS 300 329
☐ ☐ ☐	☐	CTR 6
☐ ☐ ☐	☐	CTR 21

