WIRELESS PHONEJACK

50 meters wireless phone line

The Wireless PHONEJack is based on the cordless DECT standard and is the perfect solution whereever you need an extra connection. This well-designed plug can be inserted easily and directly into any power socket anywhere in your home without the need for any annoying or visible electrical wires. The Wireless PHONEJack is a real wireless solution, offering a higher speed than standard power line communication technology.

The Wireless PHONEJack makes installation extremely simple, since it is inserted directly into the power socket without incurring any extra installation costs. Installation time is therefore much quicker, since no physical electrical wires have to be installed. Just plug a Wireless PHONEJack in and communicate – It's simple and easy.

The telephone jack uses DECT technology from RTX in a special configuration, enabling modem signals to be transmitted at speeds of up to 56 Kbit/s based on the V.34 and V.90 standards. This was not possible with DECT in a normal configuration, but with RTX as the unrivalled leader in DECT, we have been able to expand from the standard 9 Kbit/s to 56 Kbit/s.

The Wireless PHONEJack works with:
• Corded and cordless phones
• Answering macines
• Fax machines
• PC modems
• Satellite set-top boxes
• All-in-one office printer with built-in fax

MODEM   PHONE   SET TOP BOX   FAX

WIRELESS PHONE JACK

Features:

High wireless modem signals	High-speed analogue V.90/ V.92 and V34 modem signals with up to 56Kbit/s (minimum of 28.8Kbit/s).
Scalability:	Connection of up to 4 extension units to a single base unit. Voice call priority over modem and fax calls – both for parallel telephone, telephone on extension and handset
Auto conference call:	Barge in (auto conference call) between handsets and the external line.
Compatible:	The base unit supports GAP handsets. Internal calls support for handset.
Extra extension unit:	Registration of extra extension unit by easy cable connection between base and extension unit.

Standard:

Interface:	1.8 GHz DECT air interfac using DECT authentication and encryption.

PSTN interface – extension unit

Line voltage:	3 intervals from base unit to extension unit • No line: <3V • Parallel telephone off hook: 3V > voltage > 18V • Idle line: >25V
Ringer signal:	25Hz ringer signal on extension unit. Extension unit ringer signal (square wave) with >=50VRMS.

PSTN interface – base unit

Line interface:	European TBR 37/38 with DTMF and optional pulse dialling supported.
REN:	<0.1REN load from base on telephone line.

CLI support:

Standard:	Bellcore 202, V.23 (EU)
Signal modes:	FSK DT-AS reception and generation. FSK RP-AS reception and generation. DTMF reception and generation in extension unit without pol-reversal.
Signal content:	Calling line identity (EN 300 659-3) Calling party name (EN 300 659-3)

Connectors:

Base station:	Two RJ11 plugs on base for connection to PSTN line and plug through to other PSTN services.
Extension unit:	One RJ11 plug for attachment to modem, fax or telephone.

Mechanics:

Dimensions Size:	95x60x75mm.
Weight:	<100g.
Operating temperature:	10°–40°C – for indoor use only.
LED signalling:	MMI:1 colour (green) LED on base and 3 colour (yellow, green and orange) LEDs on extension unit

Powers:

Power supply:	230V +/- 10%.
Power consumption	
Idle mode:	<1W. Active mode: <3.1W. Active mode ringing: <3.1W.

Approvals:

Safety:	• IEC 60695-2-11 (Glow Wire). • IEC 60950 (CE).
DECT:	• TBR 10. • TBR 37. • TBR 38. • TBR 6. • EN 300 444 – GAP.
EMC:	• EN55022. • IEC 61000-4 and 64000-3. • IEC 1000-4 (over voltage and current).
Environmental:	• RoHS and WEEE. • IEC 60068.