



Yealink RT30 DECT Repeater

A guide to extending your phone coverage with Digital Voice for Business

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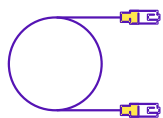
What's in the box?

We're here to help you extend the coverage of your cordless phones.

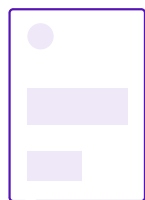
Here's what you should find when you open the box.

Got everything?

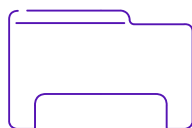
- Yealink RT30 DECT repeater
- Base stand
- USB power cable
- Power adapter
- Quick start guide



RT30 repeater



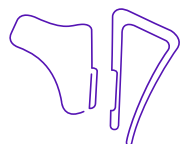
Quick start guide



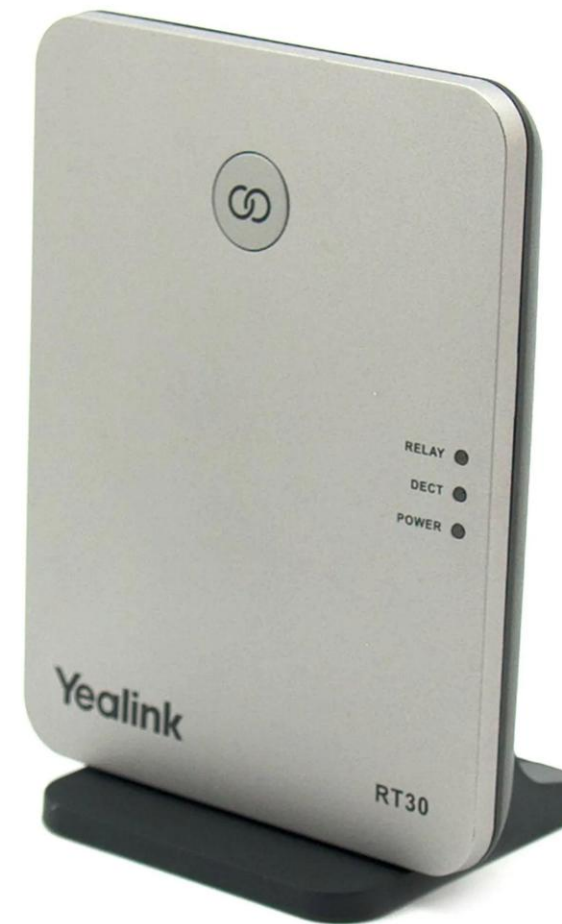
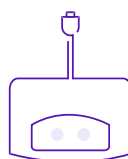
Base stand



Power adapter



USB power cable



Yealink RT30 DECT repeater

Extend your cordless phone coverage

What the RT30 does

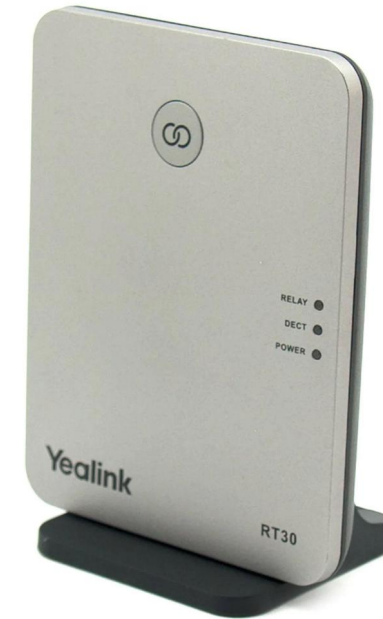
The repeater receives the DECT signal from your existing W70B base station and retransmits it into an area where handset coverage is weak.

What you need

- A working W70B base station
- A compatible Yealink DECT handset
- A mains socket near the chosen position

What the RT30 changes

It extends DECT radio coverage and supports calls as you move between overlapping coverage areas. It does not add handsets, phone lines or broadband coverage.



Choose the right position

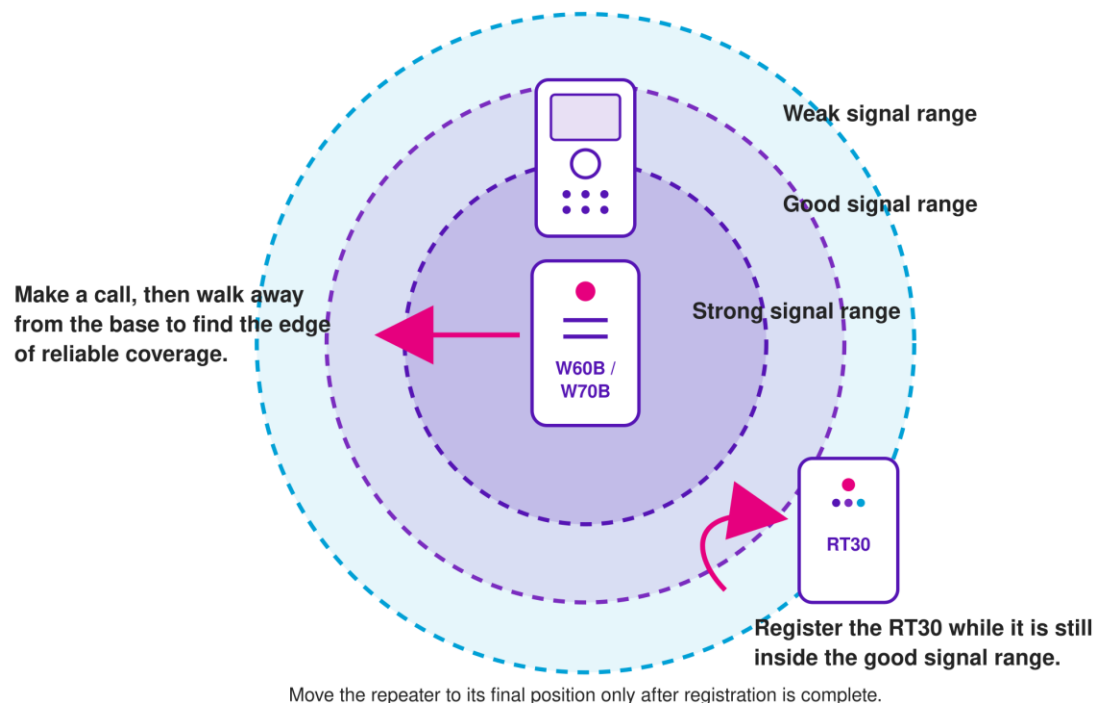
The RT30 must remain inside the W70B base station's existing coverage so it can receive and extend the DECT signal.



Before you do anything with the RT30

- Make a call on your handset and walk slowly away from the W70B.
- Note where call quality first begins to reduce, then position the RT30 slightly nearer to the W70B.
- Do not place the repeater in an area where the base signal has already been lost.

Choose the right position for your RT30



Assemble and power the RT30



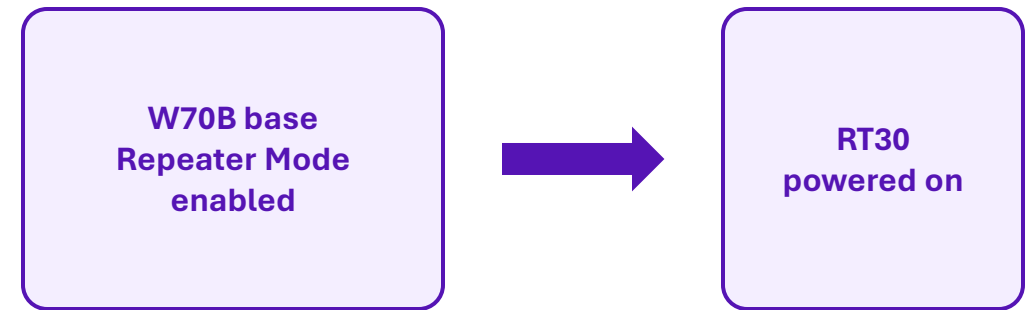
For registration, place the RT30 close to the W70B base. Once registration is complete, move it to the position chosen on the previous page.

Use only the power supply provided with the RT30.

Switch on RT30 repeater mode

On a handset already registered to the W70B base:

1. Open Settings.
2. Select System Settings.
3. Select Repeater Mode and confirm the change.
4. Allow the W70B to restart if prompted.



Wait for the W70B to return to its normal status before continuing.

This setting is changed through a registered handset, but it applies to the W70B base.

Register the RT30 to the W70B

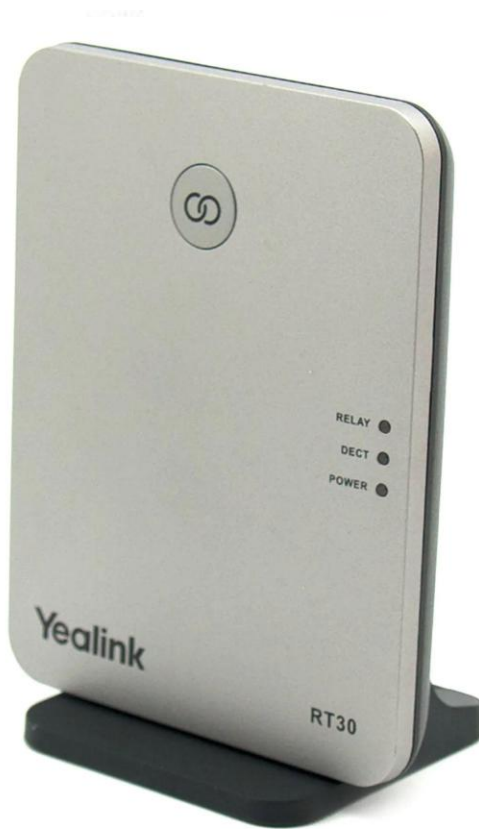
Keep the RT30 close to the W70B while completing these steps.



A green DECT light indicates a strong connection. Orange means the RT30 is registered but the link is weaker; move the repeater closer to the W70B if possible.

Understanding the RT30 lights

The three front lights show power, connection quality and call activity.



POWER

Green — switched on

DECT

Flashing red — searching; not registered

Flashing orange — registering

Solid green — registered with a good radio link

Solid orange — registered, but the link is weak

RELAY

Green — a call is passing through the repeater

Red — the maximum number of calls has been reached

Test your extended coverage

1. Start a call while you are inside the W70B base station's normal coverage.
2. Walk slowly into the area you want the RT30 to cover.
3. The call should remain clear as the handset moves between the overlapping coverage areas.
4. Check the RT30 DECT light. Green is best. If it is orange—or the call becomes noisy—move the repeater closer to the W70B and test again.
5. Keep adjusting the position until both the call quality and DECT light remain stable.

Using more than one RT30

Star setup

Up to six RT30 repeaters can register directly to one W70B base. Each must remain within the base station's coverage. This is the simplest arrangement and should be used where possible.

Cascade setup

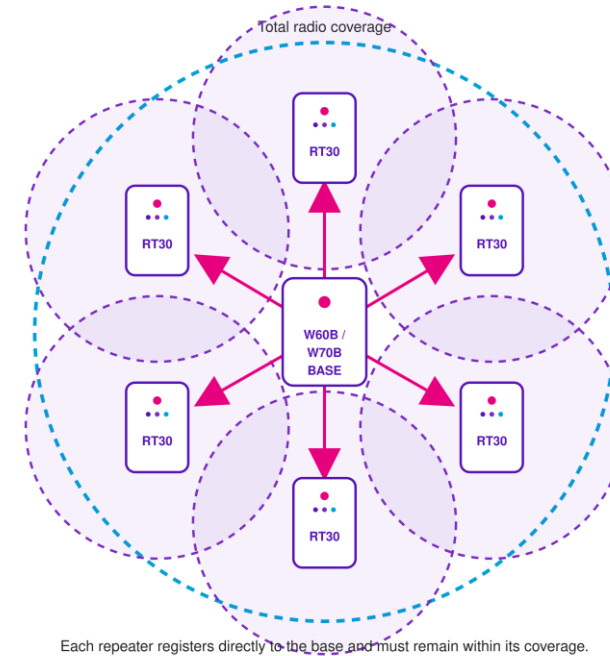
Up to two repeaters can be placed in a chain to extend coverage further in one direction. Both must first be registered directly to the base. Cascade configuration is advanced—ask BT or your administrator for help.

Register one at a time

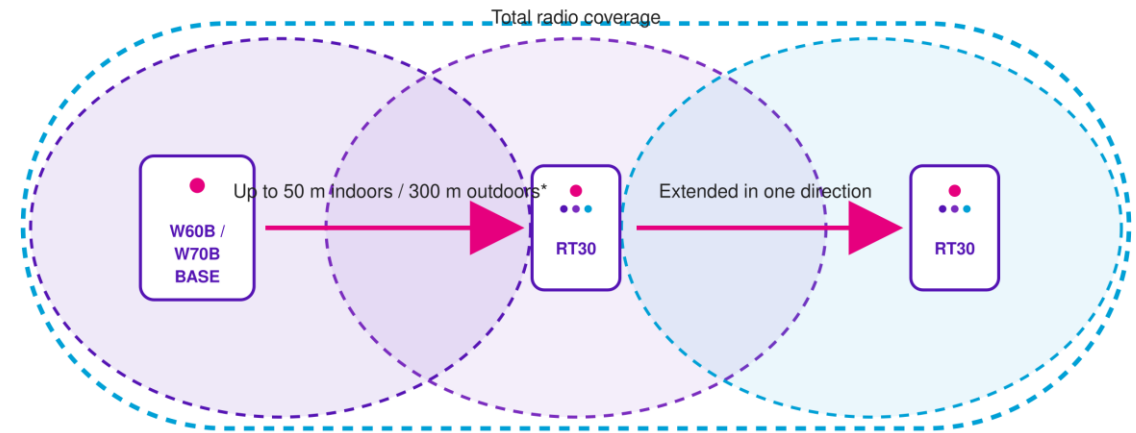
Keep each repeater close to the W70B during registration and complete them separately. Maintain at least 10 metres between repeaters in their final positions.

Remember: repeaters extend radio coverage. They do not add handsets, SIP accounts or phone numbers.

Star layout — up to six RT30 repeaters



Cascade layout — two repeaters in a chain



*Maximum range in ideal conditions. Walls, metal and electrical equipment reduce coverage.

Troubleshooting

The POWER light is off

Check the USB cable and power adapter.
Try another mains socket.

The DECT light keeps flashing red

Move the RT30 close to the W70B base.

Check RT30 repeater mode is enabled on the handset.

Put the W70B into registration mode again.

The DECT light is orange

The repeater is registered but the radio link is weak. Move it closer to the base.

Calls are still poor or dropping

Place the RT30 just inside the base station's reliable coverage.

Avoid thick walls, metal and nearby electrical equipment.

Restart the RT30 and test again.

To de-register the RT30

Switch it off. Hold the program key while reconnecting power and keep holding until all three lights turn red. Release it when the DECT light flashes red.

If the problem continues, call BT on 0800 800 152.



General information

Important – emergency calls

- The RT30 only extends the radio coverage of compatible handsets. Your Digital Voice for Business service still depends on power, the W70B base station and your broadband connection. If any of these fail, you may be unable to make 999 or 112 calls.

Position and environment

Use indoors in a dry, well-ventilated place. Keep away from direct sunlight, heat, water, excessive dust and flammable materials. Operating temperature: 0°C to 40°C.

Power and cleaning

Use only the supplied or approved power adapter and cable. Disconnect power before cleaning. Use a soft, dry anti-static cloth; do not use liquids or aerosols.

Product disposal and support

Do not dispose of electrical equipment with general household waste. Use an appropriate recycling route. Do not open or repair the RT30 yourself; contact BT if you need help.

Offices worldwide

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