

### DECLARATION OF CONFORMITY

Hereby,

Company:	TE-GROUP nv
Address:	Kapelsestraat 61, 2950 Kapellen - BELGIUM

declare, that the following equipment:

Product Name:	Quintezz Wi-fi Repeater
Product Type:	Wi-fi Repeater

The above mentioned product complies with the essential requirements, which are specified in the directive 1999/5/EC on the approximation of the laws on the Member States relating to electromagnetic compatibility.

This product has been tested against following standards and specifications, applying versions valid on August 2013:

- EN 60950-1:2006+A11:2009+A1:2010+A12:2011
- EN 60335-1:2012
- EN 62311:2008
- EN 301 489-1 V1.9.2:2011-09
- ETSI EN 301 489-17 V2.2.1:2012-09
- EN 300 328 V1.7.1:2006-10



Joseph Van Oosterum, CEO TE-Group NV

----- Quintezz / Wi-Fi Repeater / 10-2013 / V02 -----  
Copyright © Quintezz.

### ILLUSTRATIONS

Illustration 1

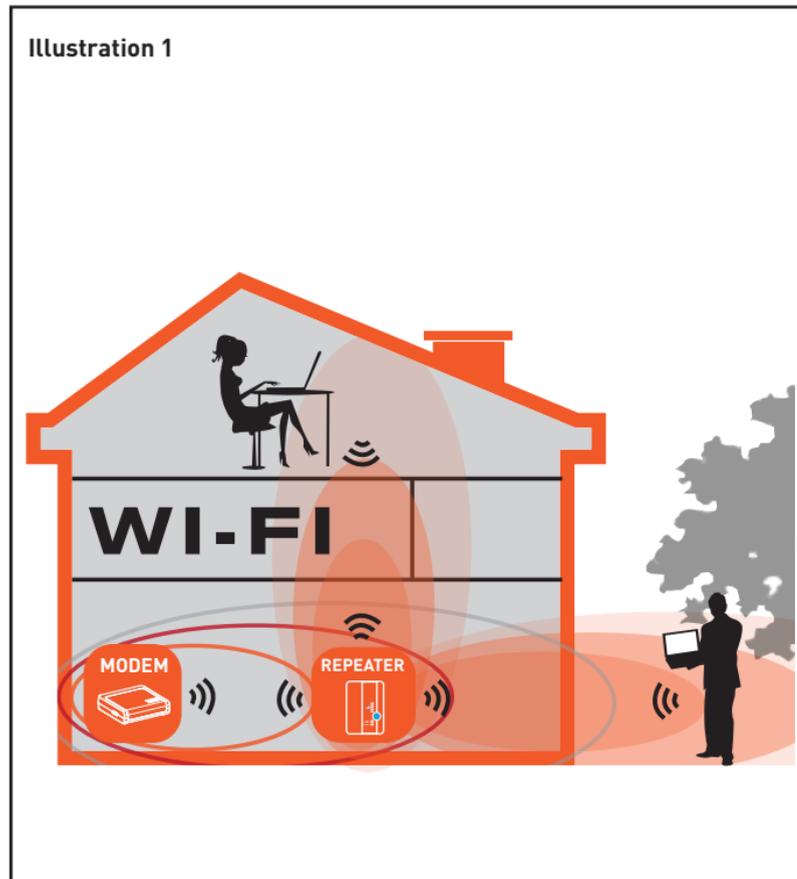
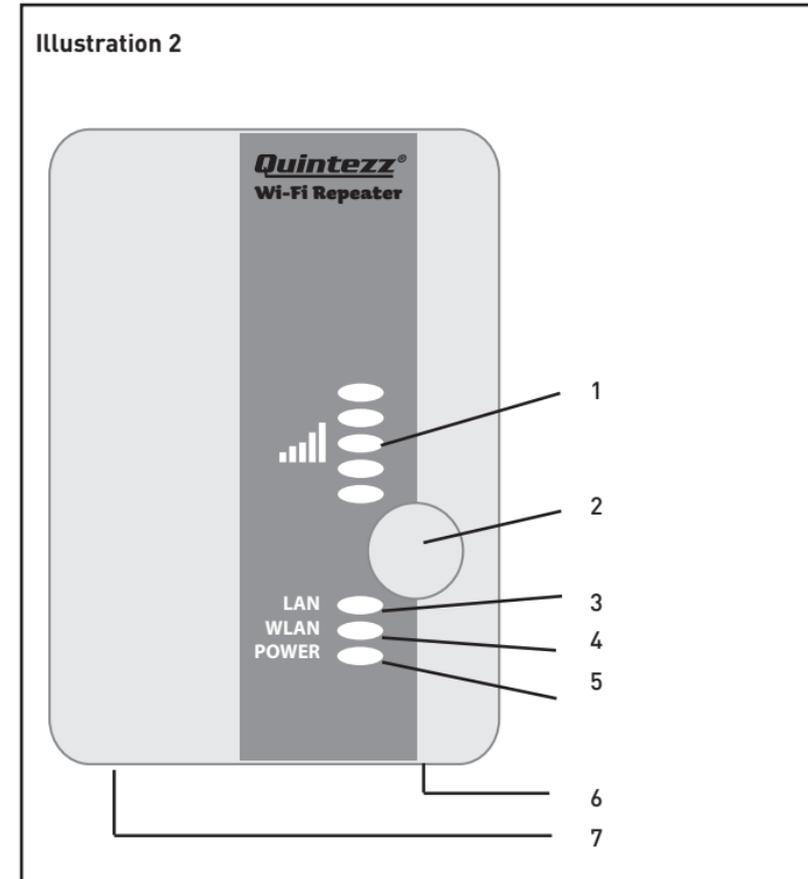


Illustration 2



## I. Introduction

Wifi is a wireless signal for data transmission. Via Wifi (sometimes referred to as WLAN), you can connect your smartphone, tablet or PC to the internet. Wifi has different speeds. The further you are from your Internet modem with Wifi, the slower it gets.

To ensure that you can still have sufficient speed, or get a bigger range, you can use this Wifi repeater. It is really important that the Wifi repeater is in the right place.

The Wifi repeater connects wirelessly to both your Internet modem and your smartphone / tablet or PC. Normally Wifi is protected by a password, this is why you have to set your Wifi repeater before you can use it.

## II. Installation of the Wifi Repeater

See illustration I

Your current internet modem already has Wifi that has a certain range. At the edge of the range of your existing internet modem, the speed is very low. In order to maintain sufficient speed, we advise you not to install the Wifi repeater on the edge of the range of your existing internet modem.

## III. Parts of the Wifi Repeater

See illustration II

- Signal sending strength
- WPS button
- LAN = connected
- Wi-Fi = activated
- Device = ON
- Connection point for LAN cable
- Reset button

## IV. Configuration of the Wifi Repeater

The Wifi repeater has many possibilities. We restrict ourselves to the functionality of Wifi Repeater.

There is an instruction video: <http://www.youtube.com/watch?v=XhlcMclt8>

The Wifi repeater has a WPS button. With this button, you can automatically make Wifi connections, without having to enter settings. It is necessary that the other device (that you want to connect with) also has a WPS button.

- Connect the Wifi repeater to your Internet modem via WPS (go to point 2 if your internet modem does not have WPS)
  - Plug the Wifi repeater into a power outlet near your Internet modem (not too far away from your modem !) and wait 30 seconds so the repeater can start up.
  - Activate WPS on your internet modem (usually press the WPS button for 3 seconds, consult the manual of your internet modem).
  - Activate WPS on the Wifi repeater by pressing the WPS button for 7 seconds.
  - The Wifi repeater will connect to the modem. This will take some time, please wait 2 minutes.
- Connect the Wifi repeater to your internet modem without WPS
  - Plug the Wifi repeater into a power outlet near your Internet modem (not too far away from your modem !) and wait 30 seconds for the repeater to start up.
  - The Wifi repeater will need to know to which Wifi network it should be connected and what the password is. Therefore, it is necessary to set the Wifi. The Wifi repeater comes with a network cable. Plug one side of the cable in the Wifi repeater and plug the other end in your PC. You may need to temporarily disconnect the existing internet cable.
  - Go to 192.168.10.1 in your web browser (do not use Google, enter it in the URL bar).\*
  - Enter *admin* in both the name and password field.
  - The following screen will appear. Click on 'Site Survey'.

192.168.10.1/wizard.htm

Quintezz

Language: English

Auto Setup:

Network Name (SSID): Quintezz Wifi1  
Key Value: 12345678

Network Name (SSID): remoteap  
Auth. and Encryption: Disable

Click on 'Site Survey'

Site Survey

SSID	BSSID	Channel	Type	Auth. and Encryption	Signal	Select

Save/Apply Cancel

Copyright © 2012-2013 TE Group NV. All rights reserved.

Quintezz

Language: English

Auto Setup:

Network Name (SSID): Quintezz Wifi1  
Key Value: 12345678

Network Name (SSID): MDBTE1  
Auth. and Encryption: WPA2  
WPA2 Cipher Suite: TKIP AES  
Pre-Shared Key Format: Passphrase  
Pre-Shared Key:

Enter password

Site Survey

SSID	BSSID	Channel	Type	Auth. and Encryption	Signal	Select
MDBTE1	a0:21:b7:a8:41:5b	1 (B+G+N)	AP	WPA-PSK/WPA2-PSK		⊕
MDBTE2	00:0c:f6:d4:0a:70	2 (B+G+N)	AP	WPA2-PSK		⊖

Select network

Click 'Save/Apply'

Save/Apply Cancel

- All available Wifi networks will be shown in a screen like the one above.
- Select your network by clicking on the circle in the column 'Select' and enter your password details.
- Click the 'Save-Apply' button (at the bottom). The settings are now being saved, that is why the repeater will ask you to wait for 90 seconds. Afterwards you can remove the internet cable, and install the Wifi repeater at the selected location.

Rebooting...

The operation is in progress, please wait for 85 seconds...

**WARNING:** Please DO NOT turn off or reboot the device during this time, otherwise your device may be damaged.

\* Type <http://192.168.10.1> into the URL address bar in the top of your internet window (do not type this into the Google search engine). The settings screen of the repeater will only be visible when the repeater is not yet set-up. If you don't receive a settings screen, you have to reset the repeater:

- Put the repeater in a power outlet and wait 1 minute
- Press the reset button at the bottom of the device for 10 seconds
- Wait 2 minutes.

### 3. Connect your laptop, mobile phone or tablet to the Wifi repeater

- You can now insert the Wifi repeater in the selected power outlet. Once again, wait 2 minutes after insertion.
- Search for new Wifi connections from your mobile device, e.g. laptop, phone or tablet. Your Wifi modem has a name, for example 'Janssen'. The name of the Wifi repeater will be 'Janssen-Ext'.
- The password is the same as the Wifi password on your internet modem.\*\*

\*\* If your device (smartphone, tablet) can connect to the repeater, but doesn't get access to internet, a certain setting might be wrong. The repeater automatically detects the settings from your internet modem for AES and TKIP, but some modems are not compatible with this automatic detection. Reset the repeater:

- Put the repeater in a power outlet and wait 1 minute
- Press the reset button at the bottom of the device for 10 seconds.
- Wait 2 minutes.

Type <http://192.168.10.1> into the URL address bar in the top of your internet window and log in with admin / admin.

Click on 'Site Survey', select your network, and enter your password. Then change the setting for TKIP and AES (e.g. TKIP off, AES on or different) and click 'Apply'.

### 4. Connect an end device to the Wifi repeater using WPS

- End devices are e.g. PC, mobile phone, tablet or IP camera. Activate WPS on the end device according to the manual of the device.
- Press the WPS button on the Wifi repeater for 3 seconds.
- The devices will now connect. After about 2 minutes, the connection works.

## V. Troubleshooting

- I may have set the Wifi repeater wrongly, and I want to change the settings.**  
Answer: You need to reset the repeater. There is a small button in the case of the repeater (at the bottom of the unit).
  - Plug the repeater in a power outlet and wait 1 minute
  - Press the reset button for 10 seconds. All LEDs's except the power LED will turn off.
  - After 2 minutes, the repeater is completely reset.
- I have connected the Wifi repeater by WPS with the internet modem, but cannot log on or don't get a ....-ext network.**  
Answer: Some internet modems do have a WPS button, but that is deactivated or equipped with a different password. In that case, you need to set the connection between Repeater and internet modem according to chapter IV, part 2.
- I want to setup the repeater with my PC, but I cannot connect using the LAN cable.**  
Answer: You need to plug one side of the LAN cable in the repeater, and the other side of the cable in the PC. This connection needs to be directly, no device in between. If the repeater was set-up before, you first need to reset the repeater. Also, your PC needs to be set to 'Obtain IP address automatically'. This is commonly the case. If your PC is set to a fixed IP address or Proxy, you need to set your PC temporarily to 'Obtain IP address automatically.' This setting can be found here: 'Start' - 'Control Panel' - 'Network' - 'Adapter Settings' - 'LAN connection' - 'Properties' - 'Internet Protocol version 4 (IP / IP4)'. Write down the current settings and then choose 'Obtain IP address automatically' and 'OK'. After the repeater is set up, you need to enter the original settings. \*\*\* Depending from your Windows version, some options may have a different name, e.g. 'Network center' instead of 'Network'.
- My repeater is setup, but I cannot access internet with my phone or tablet**  
This looks like the IP address information is not sent through the repeater. You have to change some settings in the repeater.  
You can configure the repeater via the PC by following the steps described below :
  - Plug the wireless repeater into a power outlet (near the Internet modem) , wait 1 minute, press the RESET button for 10 seconds and wait 2 minutes.
  - Plug the cable into the repeater and connect the other end of the cable to the PC.
  - Use Internet Explorer to navigate to <http://192.168.10.1> .
  - Sign in with name / password : admin / admin .
  - You will now see a screen showing the parameters of the repeater. Click "Site Survey" and select your network.
  - You see the boxes TKIP and AES . Probably , these settings are not correct . Change the settings for TKIP and AES (eg TKIP "OFF" AES "ON" or both "ON") .
  - Enter the password and confirm the settings. Wait 2 minutes.  
Normally, you should now successfully connect to the Internet .

Make sure you firstly place the Wifi repeater near the Internet modem and afterwards plug it into a distant power outlet.

If still unable to connect to the Internet, you are advised to change the security type of your modem and update to latest software version of your internet modem.

### 5. My VPN (virtual private network) is not working with the Wifi repeater.

Answer: The repeater does not support VPN.

### 6. My internet connection is not with a normal modem with Wifi and wired connection, but have installed separate components such as modem, router, Wifi-router or access point and more. The Wifi repeater is not working.

Answer: The Wifi repeater is designed for standard internet connections with a integrated modem / Wifi box. You may have a problem because of IP NAT. Please use a integrated modem / Wifi box or reconfigure your network.

For all questions related to this product, you can contact [support@quintezz.com](mailto:support@quintezz.com).

## VI. Guarantee

Copyright © Quintezz. Quintezz® is a registered trademark of TE-Group NV. The Quintezz® brand stands for superior quality products and excellent customer service. Therefore Quintezz® warrants this product to be free from defects in materials and workmanship for a period of **two (2) years** from the original purchase date of the product. The terms of this guarantee and the extent of responsibility of Quintezz® under this warranty can be downloaded from the website: [www.quintezz.com](http://www.quintezz.com).