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Hersteller

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ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

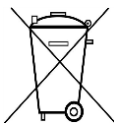
	WARNING Risk of electric shock Do not open!	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device



Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling – no matter whether or not the batteries contain harmful substances*)

Return batteries free of charge to public collection points in your community or shops selling batteries of the respective kind.

Only return fully discharged batteries

*) marked Cd = cadmium, Hg = mercury, Pb = lead

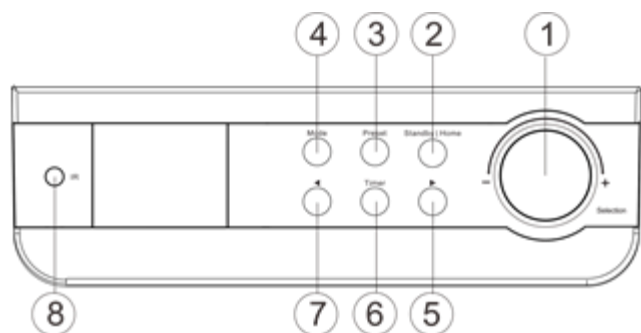
- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
- Keep batteries away from children. Children might swallow batteries.
- Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
- Replace only with the same or equivalent type

	WARNING
DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD	
This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.	
Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.	
If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.	

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- This apparatus is for moderate climates areas use, not suitable for use in tropical climates countries.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- The mains plug or an appliance coupler is used as the disconnect device, the disconnect devices shall remain readily operable.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
- Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- No naked flame sources, such as lighted candles, should be placed on the unit.
- When you are necessary to ship the unit store it in its original package. Save the package for this purpose.
- In case of malfunction due to electrostatic discharge or fast transient (burst), remove and reconnect the power supply.
- If the unit is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.

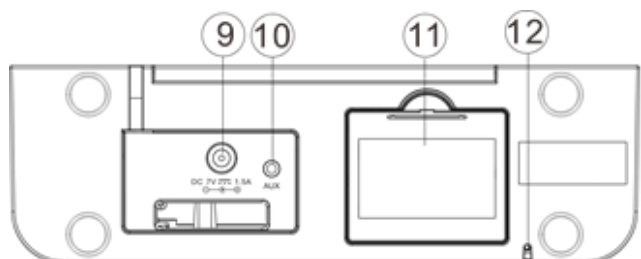
LOCATION OF CONTROLS

FRONT VIEW



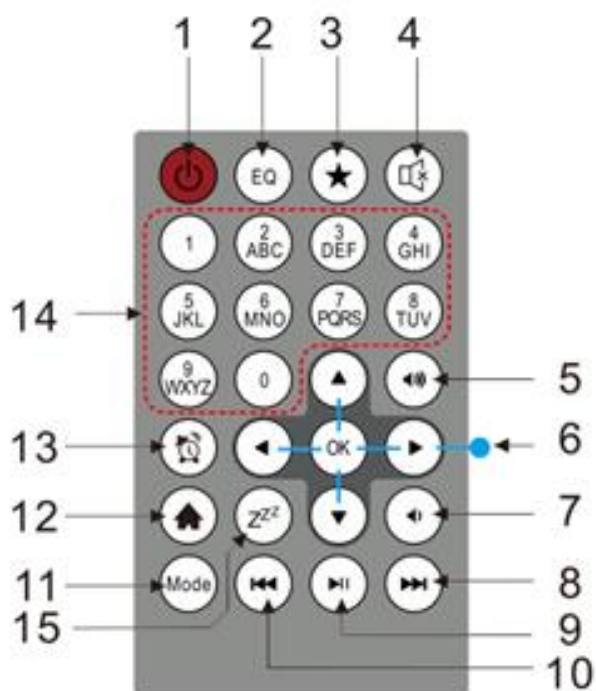
- 1 Selection | Volume Control
- 2 Standby | Home
- 3 Preset station
- 4 Mode
- 5 Right (Forward) >
- 6 Timer
- 7 Left (Back) <
- 8 IR Receiver

BACK VIEW



- 9 Power input
- 10 Aux Input
- 11 Battery Compartment
- 12 FM Antenna

REMOTE CONTROL



- 1 Power On/Off
- 2 EQ
- 3 Fav(Favorite) / Preset
- 4 Mute
- 5 Volume +
- 6 Navigation control
- 7 Volume -
- 8 Next
- 9 Play | Pause
- 10 Back
- 11 Mode
- 12 Home
- 13 Alarm
- 14 Numbers
- 15 Sleep

BATTERY OPERATION

This unit uses 4 UM-3/AA/R6 size 1.5V batteries (not included). Insert batteries correctly with “+” and “-” polarities as directed inside the battery compartment, wrong polarities insertion will cause damage to the unit.

Battery Low Indicator: If the batteries are out of electric power, the low batteries icon goes solid. It is suggested to replace the old batteries as soon as possible.

INSTALLATION

- Before operation, please make sure that the VOLTAGE mentioned on the power supply is same as the voltage of your local area.
- Use the supplied mains adaptor to connect the device to a household mains socket.
- When it is the first time running the device, the system will ask you to set Language and Network configurations. You may setup the network connection immediately, or set it later. Turn “Selection” to select the desired option. Press “Selection” to confirm.

Network configuration

1. Normal network configuration

- Select “Yes” for the normal Wireless Network Configuration: Then select the required AP by turning “Selection” and confirm it by pressing ”Selection“.
- Enter WEP or WPA code to connect the WiFi network by select the correct character turning the ”Selection“ button.
- Press “>” button to select the next character.
- In this condition, press “<” button you can turn left and delete the left characters at the same time:
- When the password is complete please press ”Selection“ button to confirm.

Note: Below characters are available for the radio:

Numbers(from 0-9)

English letters(from A to Z and from a to z)

Other characters (@,!,”,#,\$,%,&,*’,’,+ and (,)

2. WPS PBC network configuration

- Select “Yes WPS” when you would like set up with Wireless Network (WPS PBC) feature: If you are using a router with WPS button, you may set up the network connection simple via WPS function. Enter it and go to press the WPS button on your router within 120 seconds.
- The connection between the router and the Radio will then be configured automatically
- Select “No” when you not want to install the network at the moment.

3. No network configuration

- Pls. select “No” when you don’t like to configure the network connection at the moment.

Press “⏻” or “Standby|Home” for standby, when the actual date and time is shown the network is configuration is well done. Date and time, as well as alarms-if activated-will still are shown on the display when in standby mode.

INTERNET RADIO

- Switch on “⏻” and rotate “Selection” to scroll through the main menu.
- Press “Selection” to enter sub menus or confirm settings
- Press “◀” to return to the previous menu.
- After the connection of any station is succeeded, station information’s will be shown; information content can be changed with “▶” button.
- Press “◀” to go back to previous menu.

My Favorites

- List of my favorite preset stations.
- To store a station to the favorites:
 1. Select the requested station from the station list by the Selection wheel.
 2. Press “▶” to open menu.
 3. Press “Selection” to confirm “Add to My Favorite”
 4. Select preset number by Navigate wheel
 5. Confirm Preset by pressing “Selection”.
 6. You may replace the previous saved station to the new one.
- If the selected station has been saved, you cannot save it again. The saved stations are showed under the My Favorites.
- When My Favorites list is shown, move to your station and press “Selection” to listen.
- When My Favorites list is shown, press “▶”, to Delete, Shift up; Shift down; Rename, or Play.

Radio Station/Music

- Stations are categorized into Global Top 20, Genre and Country / Location (Australia, Canada, United Kingdom, USA). Enter to continue the subcategories and choose the station to listen.
- For each station, press “Selection” to play directly.
- Press “▶” to enter its submenu. When you choose Auto Scan, it becomes the playback of marquee of each station in the subcategory. Each station plays 30 seconds until all have played or you press “Selection” to stop the marquee listening.
- Press ▶ to view the display information of the playing station.

Local Radio:

- Stations are categorized to the country / location which the unit is operated.

History:

- List of the ten recently listened stations.

Service:

- Search radio station - enter your keyword to search radio station from the list.

- Add new radio station by adding IP address, the added stations will be stored in My Favorite.
- Note that the maximum character of the station name is 250.

MEDIA CENTER

Select the “UPnP” mode or “My Playlist” mode with “Selection”.

UPnP

- If you have set up shared media, you should see the shared media from “UPnP”.
- If you have more than one computer sharing media, the alternatives are listed.
- Select the shared media you want to play.
- Select song by “Selection” wheel; press “Selection” to play/pause the song
- Press “>” to view the playing track information on the display.
- Press “<” to go back in the menu.

Note: The radio can only read the track with the file name less than 40 characters. The characters should be in European Language. If you encounter failure of reading the track under “UPnP” mode, you may try to rename the file. However, if the track is still unable to play, you can try converting the file to different formats.

My Playlist:

- You can create a playlist of favorite’s music from “UPnP”. When you playing the music, press and hold “Selection” to save it into “My Playlist”.

Clear My Playlist

- Please select this option for clearing the playlist. Please confirm the questions.

“My mediaU”

- Display and playback your own “My mediaU” station list on the “My mediaU” server. Set your account first. To activate your own station list, follow the steps below:
- Access <http://www.mediayou.net/>. Join my “My mediaU” membership. Login to the website;
- Enter the wireless MAC addresses of Radio to the “My mediaU” website. This information can be obtained in information Center>System information>Wireless Info.
- When successfully configured, you are able to save and view your own “My mediaU” station playlist(s). Username and password are not required to enter to the Radio.
- If there are different accounts stored in the Radio, you can choose the one you currently use under configuration menu. On the website, you may save stations to Favorite Station, set Favorite Location / Genre and My Local City, or add stations manually. The stations can be viewed from My Media mode on the Radio.

FM MODE

Select “FM” in the Home-Menu and confirm by pressing the “Selection” button.

Choose stations by hand

- Press “<” or “>” button to search the desired station (press once, the station changes 0.05MHz).

Choose stations automatically

- Press and hold the “<” or “>” button to search automatically the next station (If searched, it will stop automatically and play the programs of the searched stations).

Store a station to the favorites

- Search the desired station.
- Press and hold the “Preset” button.
- Press the “<” or “>” button to select the station number and press the “Selection” button to confirm it.

Recall a favorite station

- Press the “Preset” button.
- Select with “<” or “>” button the desired station number and press the “Selection” button to confirm it.

INFORMATION CENTER

Weather

- There are weather information and forecasts for 2000 cities.
- Select the country and then the city for the weather details.
- Press < / > and or turn “Selection” to see the weather forecasts.
- The device is able to display the weather information on the standby mode. On the weather information page, press “Selection” to set the city to displaying on the standby mode. Then turn on the weather display.

Financial Info

- View the stock index.

System Information

- View details of units and of connected network. The information includes MAC address which you are required to fill in when registration of “My mediaU” membership.

CONFIGURATION

Time Display

Analog/Digital (time display)

My MediaU

When it is enabled, “My mediaU” will exist on the main menu. If various “My mediaU” accounts exist in the radio, select the default login account in here.

Network

Wireless Network Configuration: The system will automatically select the required AP. Enter WEP or WPA code to connect the WiFi.

Wireless Network (WPS PBC): If you are using a router with WPS/QSS button, you may set up the network connection simple via WPS function. Enter it and go to press the WPS/QSS button on your router within 120 seconds. The connection between the router and the unit will then be configured automatically.

Manual Configuration: You can choose DHCP (which IP assigned automatically) or manually input IP address for wireless network connection. When you select manual setting for wired connection, the following have to be entered: SSID (name of access point), IP Address, subnet mask, default gateway, preferred DNS server and alternate DNS server.

Check Network When Power On: Enable/disable WiFi network. When you enable the WiFi network, the system will automatically search the available AP and select the required AP.

Date & Time

Set date and time

Set time format display as 12 Hour or 24 Hour

Set date format (YYYY/MM/DD - DD/MM/YYYY - MM/DD/YYYY)

Alarm

There are three independent alarms - 2 alarms of absolute time setting (Alarm1 and Alarm2) and one alarm for relative time setting (Alarm NAP).

The first two alarms are similar to the normal alarm, turn on then set the time and set it alarms every day, once or every specific day of week.

Select Alarm time. Set the respective values by the reel on the device and switch to the next entry field. Confirm by pressing the reel.

Choose Sound to set the sound to Beep, Melody or Internet Radio. An alarm symbol 📻 will appear on the top of the display next to the time.

Note: When the alarm is reached the unit connects to the Internet if the set network is available. Therefore there may be some delay from the alarm to the radio play. If no network is connection can be established within one minute, the alarm will change to Melody automatically.

Press ⏏ button to stop the Alarm, if other button is pressed the Alarm returns after 5 minutes.

When Alarm "NAP" is set, it alarms once in 5/10/20/30/60/90/120 minutes depending on which one you have set.

Choose Alarm Volume to configure the volume of the alarms.

Timer

Countdown timer (max. 100min)

Language

English /Deutsch / Espanol / Francais / Portugese / Nederlands / Italiano / Pyccknn / Svenska / Norsk / Dansk / Magyar / Cesky / Slovensky / Polski / Turkce / Suomi

Dimmer

Power saving - backlight level

Turn On - backlight level

Display

Color / Monochrome

Power Management

Configure to go to standby mode automatically during in the menu or/ and without Wifi signal. Choose the power management timer (5/15/30mins) to set the duration of the radio to switch standby mode automatically when you are not controlling it. Choose Turn off to ignore the power management function.

<u>Sleep Timer</u>	Turn off or set the sleep timer of 15/30/60/90/120/150/180 minutes. Once the time is set, there will be a bed icon with remaining minutes at the top right corner and the device will turn to standby then.
<u>Buffer</u>	Configure the buffer time of the music playback, 2 / 4 or 8 seconds.
<u>FM Setup</u>	Choose the status of FM Radio by 'Set Mono' or 'Set Stereo'
<u>Weather</u>	Activate/deactivate the weather forecast for the standby display. Choose your preferred temperature unit (°F or °C) and then proceed entering your location. When activated, the weather forecast is shown in turns with the clock display on the standby screen (each 10 secs).
<u>Local Radio Setup</u>	There is a shortcut Local Radio under Internet Radio so that you can easily go to the station list of your location. You may Manual Setup your location, or let the system Auto Detect your current location. The system detects the location according to the IP address of your connected network. Press "Local Station" to enter this local radio list directly.
<u>Playback Setup</u>	Select the playback mode of media center - Off (no repeat or shuffle), Repeat all, Repeat one or Shuffle.
<u>Device</u>	Default device name for DLNA is "AirMusic". You may rename it for DLNA setup on the PC or mobile. QR code for download and install "AirMusic" control App on mobile.
<u>Equalizer</u>	Option to choose from nine different sound effects Normal / Flat / Jazz / Rock / Soundtracks / Classical / Pop / News / myEQ
<u>Resume When Power On</u>	The system is default to resume internet radio playback if you were listening to internet radio or media center before switch off the unit. If turn this setting off, the system will remain in the main menu when switching on the unit.
<u>Software Update</u>	Update software. If there is an updated software version available, the system will notify you. Before starting a software upgrade, ensure that the unit is plugged into a stable mains power connection. Disconnecting power during a software update may permanently damage the unit.
<u>Reset to Default</u>	Restore the default settings. After the unit is reset, the system will move to language selection.

DLNA/UPNP

You may change the default DLNA name as you like. The information below is the introduction of how to setup media streaming from PC or other media server. Study the own instruction of the software or apps you use to enjoy music streaming if necessary. Make sure the music files are in the format of MP3, WMA, WAV or AAC for music streaming to the radio.

UPnP

- Connect the PC to the network.
- Ensure the Radio is powered on and connected to the same network.

- Open the UPnP platform Windows Media Player (11 or later). Alternatively, other platforms or server such as Windows Media Connect may be used.
- Allow to share your media to Radio.
- Add the audio files and folders you want to share with radio to the media library.
- You may also enjoy the streaming music from other music server, such as smart phone (Android platform).
- Connect the mobile to the network
- Search and install media sharing apps from Google Play.
- Add the audio files from your mobile you want to share.
- After setup the shared server, choose the music and control playback on the Radio.

DLNA

Besides UPnP, radio supports DLNA function; you share the music files from PC or Android mobile, and you use your PC, Android mobile or iPhone /iPad to control music playback on the Radio. (It is not required to control each playback on the Radio.)

The PC system requirement for DLNA is “Windows 7” and “Windows Media Player 12”. Setup as below:

- First, share the media on your PC to Radio.
- Control Panel > Network and Internet > Network and Sharing Center > Change Advanced Sharing Settings > Media streaming options
- Open Windows Media Player to enable allows remote control of my Player.
- Right click any music in the library and choose Play to Radio.
- There will be a window for controlling music playback on Radio.
- You may search and install any free or commercial DLNA apps from “Google Play” or “Apple Store” if you are using Android mobile, tablet or iPhone / iPad. It is suggested to use “Bubble UPnP”, “Twonky Beam” on Android mobile, tablet or “Twonky Beam” on iPhone / iPad. Some apps may not support streaming music from iPhone / iPod but iPhone/iPod could still be used to control streaming music from other servers.
- Procedures for playing shared music on the app are as follows:
- Select Radio as the player. Some apps may allow playing the music to multi players at the same time.
- Select music server and choose the music. Some app can create a playlist if you choose several music.
- Please note: When using DLNA music streaming function on IR1450, you can only control the volume and standby via the unit. It is restricted to control the other functions. Stop DLNA on PC, mobile or tablet before you resume IR1450’s own control.

AUX (Line In)

Aux in mode plays audio from an external source such as an MP3 player.




- To play audio with Aux in mode: Turn the volume low on both the Radio and if adjustable, the audio source device.
- Connect the external audio source to the AUX IN 3.5mm stereo socket.
- Either press “MODE” until the display, shows “AUX IN” or select “AUX” in under Main menu.
- Adjust the volume of the Radio (and, if necessary, the audio source device) as required.

AIR MUSIC APP

You can scan under Configuration / Device / Air Music control APP QR code for installing application from Apple store or from Google Play Store.

With this application it is possible to control the IR1450 by mobile phone or tablet.

TECHNICAL SPECIFICATION

Power supply	: Use only the supplied power adapter Model: HKP12-0701500dV Hung Key Industrial Co., Ltd.
Power input	: 100-240V~ 50/60Hz
Power output	: DC 7V  1.5A  
Battery supply	: 4x AA R6/LR6 6V
FM range	: 87.5 – 108.0MHz
Wireless Network	: IEEE802.11b/g/n
Security Protocol	: WEP / WPA / WPA2 / WPS
Audio sockets	: AUX-IN socket 3.5mm
Audio power output	: 1x 5W RMS

IMPORTER

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Hiermit bestätigt Wörlein GmbH, dass sich dieses Gerät in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.

Eine Kopie der Konformitätserklärung kann unter folgender Adresse bezogen werden.
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Hereby, Wörlein GmbH declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

A copy of the Declaration of Conformity may be obtained at the following location:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Par la présente, Wörlein GmbH déclare que cet appareil est conforme aux exigences principales et autres clauses applicables de la Directive 2014/53/EU.

Vous pouvez demander de recevoir une copie de la déclaration de conformité en écrivant à l'adresse suivante :
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Wörlein GmbH verklaart hierbij dat dit apparaat in overeenkomst is met de essentiële vereisten en andere relevante bepalingen van de Richtlijn 2014/53/EU.

Er kan een kopie van de Conformiteitsverklaring worden verkregen op de volgende locatie:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Con la presente, Wörlein GmbH dichiara che questo dispositivo è conforme ai requisiti essenziali e altre disposizioni contenute nella Direttiva 2014/53/EU.

Una copia della Dichiarazione di conformità è disponibile al seguente indirizzo:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germania
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Härmed Wörlein GmbH deklarerar att denna enhet är i överensstämmelse med de grundläggande kraven och andra relevanta bestämmelser i direktiv 2014/53/EU.

En kopia av försäkran om överensstämmelse kan erhållas på följande plats:
Wörlein GmbH, Gewerbestrasse 12, D 90.556 Cadolzburg, Tyskland
E-post: info@woerlein.com
Tel.: +49 9103 71 67 0

Herved Wörlein GmbH erklærer, at denne enhed er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.

En kopi af Overensstemmelseserklæringen kan fås på følgende placering:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Tyskland
E-mail: info@woerlein.com
Tel.: +49 9103 71 67 0

Tímto Wörlein GmbH prohlašuje, že toto zařízení je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.

Kopii Prohlášení o shodě lze získat v následujícím umístění:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Německo
E-mail: info@woerlein.com
Tel.: +49 9103 71 67 0

Por este meio, Wörlein GmbH declara que este dispositivo está em conformidade com os requisitos essenciais e outras disposições da Directiva 2014/53/EU.

Uma cópia da Declaração de Conformidade pode ser obtida no seguinte local:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Alemanha
Email: info@woerlein.com
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