



ST016 Personal PA Wireless System UHF

Ref. nr.: 178.872



**INSTRUCTION MANUAL
GEBRUIKSAANWIJZING
GEBRAUCHSANLEITUNG
MANUAL DE INSTRUCCIONES
MANUEL D'INSTRUCTIONS
INSTRUKCJA OBSŁUGI**

ENGLISH

Congratulations to the purchase of this Vonyx product. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Do not force the controls.
- If this unit is with speaker inside which can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this unit is with built-in lead-acid rechargeable battery. Please recharge the battery every 3 months if you are not going to use the unit for a long period of time. Or the battery may be damaged.
- If the battery is damaged please replace with same specifications battery. And dispose the damaged battery environment friendly.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions.



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

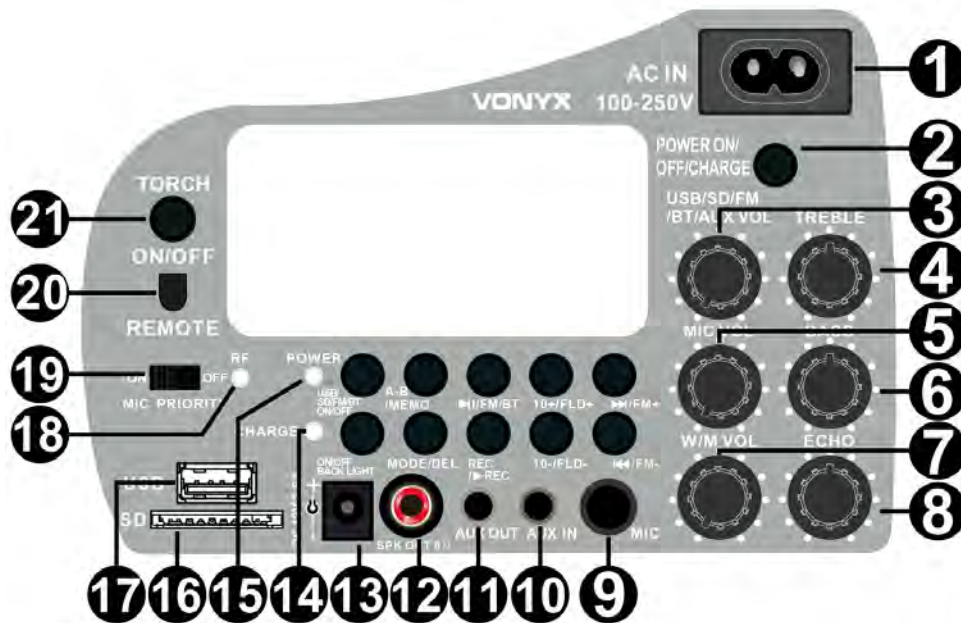
NOTE: To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the unit. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Vonyx cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

OVERVIEW



- 1. AC Power Socket**
Socket for plugging in the supplied power cord.
- 2. Power ON/OFF - / Charge**
Press to turn ON/OFF the main PA amplifier. Charge mode can only be used in OFF status.
- 3. USB/SD/BT/AUX Volume**
Volume control for USB/SD/BT/AUX modes.
- 4. Treble**
Turn to adjust the treble level.
- 5. Microphone Volume**
Turn to adjust the wired microphone input level.
- 6. Bass**
Turn to adjust the bass level.
- 7. W/M Volume**
Turn to adjust the wireless microphone input volume.
- 8. Echo**
Turn to adjust the digital echo effect.
- 9. Microphone Input Jack**
6.5mm microphone input jack.
- 10. AUX Input**
3.5mm auxiliary input jack (mono).
- 11. AUX Output**
3.5mm auxiliary output jack (mono).
- 12. SPK Out 8Ohm**
8 Ohm speaker output connector.
- 13. DC12V Adapter Input**
DC12V, 2.5A adapter input connector.
- 14. Charge LED**
Lights up in red when charging. Dimmed when fully charged.
- 15. Power LED**
Shows power status (ON/OFF).
- 16. SD Card Slot**
Insert an SD card in this slot.
- 17. USB Port**
USB entry port.
- 18. RF LED**
LED indicator to show microphone signal status. When using microphone 1, the LED will light up in green. When using microphone 2, the LED will light up in orange. When using both, the LED will be yellow.
- 19. Microphone Priority Switch**
Turn on to give microphone signal priority. When speaking through the microphone, the music volume will be muted (when in MP3 mode).
- 20. Infrared Remote Control Receiver**
- 21. Torch**
Push to turn ON/OFF the flashlight (torch) function.

BUTTON CLUSTER



22. USB/SD/FM/BT / ON/OFF

Press to power on the LCD display. Press again to select the USB/SD/FM/BT modes. Long press to turn the LCD display off.

23. A-B/MEMO

In MP3 mode: press to set A and B points to create a segment to repeat. Long press to switch the warning tone from English to Chinese.

In FM mode, press this button to have the below functions: press to save the current FM frequency (in FM mode). Press again to select any of the saved stations.

Hold for more than 2 seconds to initiate the manual search setting mode. Use the FM+ and FM- buttons to select what radio stations you want to memorize and save. Press A-B/MEMO again to confirm your input.

24. PLAY/PAUSE / FM/BT

Press in MP3 mode to play/pause. Press in FM mode to search FM radio stations and automatically memorize (auto scan and memory). Press once in BT mode to terminate the BT connection between mobile device and PA system.

Press again to restore the connection.

25. 10+/FLD+

Press in MP3 mode to skip 10 tracks. Long press to skip one folder.

26. NEXT/FM+

Press in MP3 mode to skip to next song. Press and hold to fast forward within the current track. Press in FM mode to increase 100KHz, press and hold to auto scan for next FM station.

27. ON/OFF BACKLIGHT

Press to turn the backlight on/off.

28. MODE/DEL

Press in MP3 mode to repeat a single track, "ONE" will be shown on the LCD display. Please again to repeat a full folder, "FOLDER" will be shown on the LCD display. Press a third time to repeat all, "ALL" will be shown on the LCD display.

Press and hold for over 2 seconds in MP3 mode to delete the selected file(s). Use PREVIOUS/FM- and NEXT/FM+ buttons to select the file(s): ONE is single track, FOL is present folder and ALL is all folders. Press MODE/DEL again to confirm the delete.

Press and hold for more than 2 seconds again (or press the STOP/MEMO button) to exit.

29. REC/PLAY REC

Press to record the wireless microphone input, AUX input or wired microphone input.

30. 10-/FLD-

Press in MP3 mode to go back 10 tracks. Long press to select the previous folder.

31. PREVIOUS/FM-

Press in MP3 mode to select the previous track. Press and hold to scan back within the current track. Press in FM mode to decrease 100KHz, press and hold to auto scan for previous FM station.

REMOTE CONTROL

1. Power ON/OFF

Press to turn ON/OFF the main PA amplifier.

2. Mute

Press to (un)mute the PA amplifier.

3. Repeat

Press in MP3 mode to repeat a single track, "ONE" will be shown on the LCD display. Please again to repeat a full folder, "FOLDER" will be shown on the LCD display. Press a third time to repeat all, "ALL" will be shown on the LCD display. Press a fourth time to cancel repeat mode.

4. Stop

Press to stop play in MP3 mode.

5. Play/Pause

Press to (re)start or pause play.

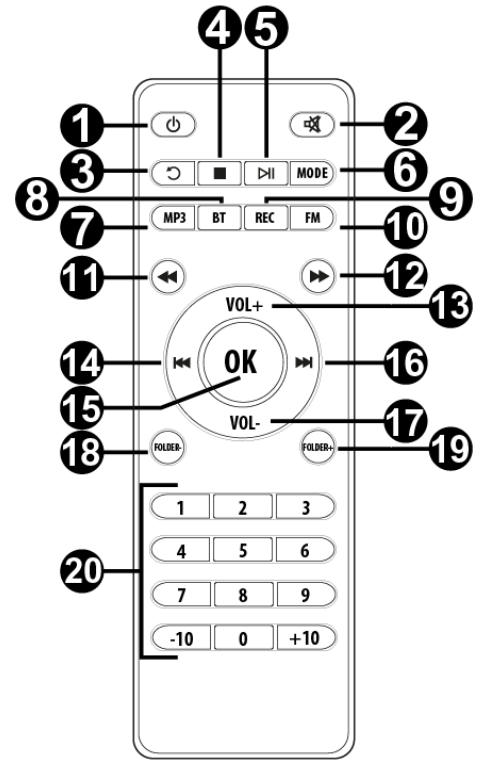
6. Mode

Press to change modes (MP3, FM and BT).

7. **MP3**
Press to enter MP3 mode directly.
8. **BT**
Press to enter BT mode directly.
9. **REC**
Press to play your recorded files.

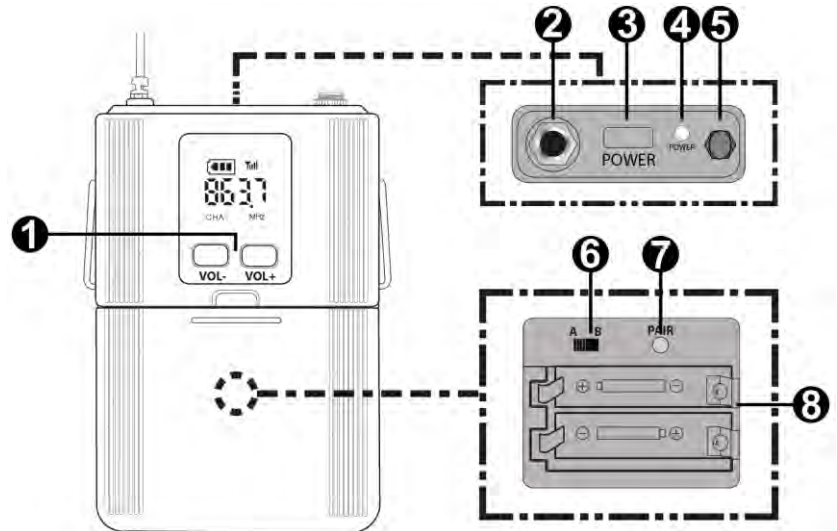
In MP3 mode, hold this button for more than 2 seconds to enter the MIC/AUX recording function. The device will select the target disk automatically (USD or SD card). During the recording, press REC again to stop the recording. The data is recorded in the last song of the present disk.

10. **FM**
Press to enter FM mode directly.
11. **Scan backwards**
Press/hold in MP3 mode to scan backwards within a track. Press in FM mode to decrease FM frequency -0.1MHz.
12. **Scan forwards**
Press/hold in MP3 mode to scan forwards within a track. Press in FM mode to increase FM frequency +0.1MHz.
13. **VOL+**
Press to increase the volume level.
14. **Previous**
Press in MP3 mode to select the previous track. Press in FM mode to select the last stored radio station.
15. **OK**
Press to confirm your selection.
16. **Next**
Press in MP3 mode to select the next track. Press in FM mode to select the next stored radio station.
17. **VOL-**
Press to decrease the volume level.
18. **Folder-**
Press in MP3 mode to enter the previous folder.
19. **Folder +**
Press in MP3 mode to enter the next folder.
20. **Numpad**



UHF WIRELESS TRANSMITTER

1. **Volume control**
Press - to decrease the volume level, press + to increase the volume.
2. **MIC port**
6.5mm microphone input jack.
3. **Power ON/OFF**
Press to turn on/off the transmitter.
4. **Power LED**
5. **Antenna**
6. **Channel selection**
Use to select the desired channel. When choosing channel A, the display will show "CHA". Choosing channel B will result in "CHB" to be displayed.
7. **Pair**
Press to initiate pairing.
8. **Battery compartment**



One to one pairing:

After turning on the transmitter, press the PAIR and POWER button simultaneously until the display and power LED flashes, meaning the matching code mode has been entered. Turn on the PA amplifier power; the main receiver inside the PA amplifier will automatically match the code.

One to any pairing:

After turning on the transmitter, press the PAIR and POWER button simultaneously until the display and power LED flashes, meaning the matching code mode has been entered. Turn on all PA amplifiers' power; the main receiver inside the PA amplifiers will automatically match the code.

Change operation frequency: press the pair button to change frequency (16 frequency points available).

UHF MICROPHONE

1. Power ON/OFF

Press to turn the microphone on/off.

2. Pair

Press to initiate pairing.

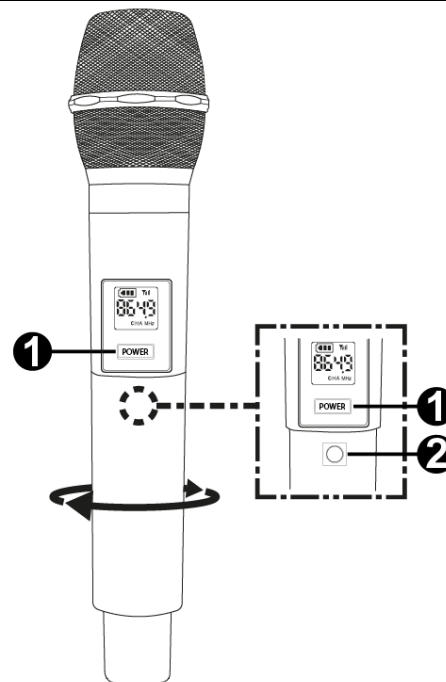
Set up: Unscrew the bottom end cover to expose the battery compartment and pairing button. Make sure the correct batteries are installed accordingly before proceeding.

One to one pairing:

With microphone in the OFF state: press the PAIR button (2). Press the POWER button (1) until the display flashes, meaning the matching code mode has been entered. Turn on the PA amplifier power; the main receiver inside the PA amplifier will automatically match the code.

One to any pairing:

With microphone in the OFF state: press the PAIR button (2). Press the POWER button (1) until the display flashes, meaning the matching code mode has been entered. Turn on the PA amplifiers power; the main receiver inside the PA amplifiers will automatically match the code.



BT CONNECTION

1. Turn on the main PA amplifiers' power. In default, BT is switched off. Press the ON/OFF MP3/FM/BT button 3 times to turn on the BT function.
2. Activate the BT-function on your device (Mobile phone, tablet etc.) from which you want to play the music. See the operating instructions for that device. If the match is successful, a tone will be transmitted.




Attention: The BT distance is approx. 10 meter without any barrier.

TROUBLE SHOOTING

PROBLEM	POSSIBLE SOLUTIONS
The power indicator is dim	It indicates the battery is low, please change to AC supply and charge it immediately;
Hash Howl	1. Turn down the volume of amplifier
	2. Turn the tone control to Bass
	3. Adjust the distant between amplifier and microphone, do not face the speaker of amplifier while using it
Noise	1. Battery low of the amplifier or transmitter;
	2. The microphone cord might be damaged;
	3. Interference by same frequency.

UHF

No license required (excluding geographical restrictions)

				
BE	DK	F	FI	DE
HU	IT	NL	NO	PL
PT	RO	SI	ES	SE
CH	GB			

Belgium (BE), Denmark (DK), France (F), Finland (FI), Germany (DE), Hungary (HU), Italy (IT), Netherlands (NL), Norway (NO), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Spain (ES), Sweden (SE), Switzerland (CH), Great Britain (GB)

TECHNICAL SPECIFICATION / TECHNISCHE SPECIFICATIE / TECHNISCHE DATEN / ESPECIFICACIONES TÉCNICAS / SPÉCIFICATIONS TECHNIQUES / SPECYFIKACJA TECHNICZNA

Output Power Max	: 130W
Output Power	: 65W
Battery	: 12V – 2.2Ah
Frequency Response	: 50Hz – 16KHz
THD	: <0.1%
Diameter Woofer	: 6.5"
Magnet type	: Ferrite
Input Connections	: 3.5mm jack, 6.3mm jack, SD, USB
Output Connections	: 3.5mm jack, RCA
Power Supply	: 100-240VAC 50/60Hz
Dimensions	: 320x180x215mm
Weight	: 2.4Kg

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual conform to the European Community Directives to which they are subject:

European Union

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2014/35/EU
2014/30/EU
2011/65/EC
2014/53/EU



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S.I. 2016:1101
S.I. 2016:1091
S.I. 2012:3032
S.I. 2017:1206

