

Note: When the power is low, it may cause instability of the signal, or result in a lower quality of timbre, therefore it is advisable to change the battery in order to avoid this.

- For single channel units (PWM100VHF-BP & PWM100VHF-HH) the XLR and unbalanced jack output are the same.
- On dual units (PWM200VHF-BP, PWM200VHF-HH & PWM200VHF/HH/BP), the unbalanced jack output is a mixed output from both channels combined.

SPECIFICATIONS

OVERALL SYSTEM		MICROPHONE	
Carrier frequency range	173-175MHz, VHF	RF power output	30mW (Max)
Frequency stability	±0.005%	Spurious emissions	Over 45dB carrier wave
Modulation mode	FM	Antenna	Built-in
Maximum deviation range	± 15kHz	Microphone element	Unidirectional dynamic microphone
Frequency response	40Hz-20kHz	Battery	According to the situation
S/N ratio	>100dB	Current consumption	About 25mA
Audio dynamic range	>100dB	Battery life	Over 8 hours continuous operation
T.H.D	<0.5%		
Service areas	50 metres (in best conditions)		
Temperature range	10°C to 50C		

RECEIVER	
Receiver system	Fixed frequency by quartz controlled
Receiving sensitivity	60dB S/N ratio (12dBU)
S/N ratio	>100dB
Audio output level	Unbalanced mode of CHA + B: 0~0.5V/5kΩ Unbalanced mode of CHA & CHB: 0~0.5V/50kΩ
Power supply	DC 12-15V, min of 200mA



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

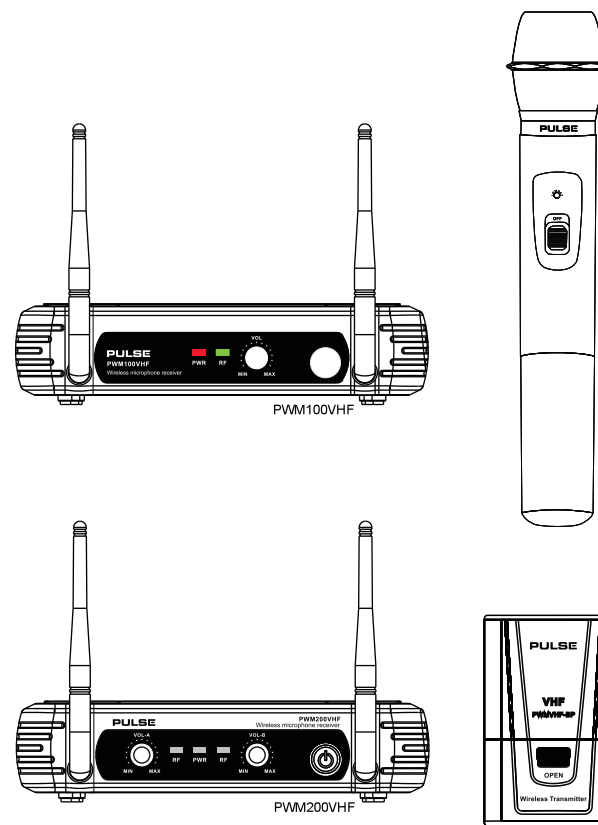
This symbol indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.



Made in China. PR2 9PP

V.1.0

PULSE



VHF WIRELESS MICROPHONE

**MODELS: PWM100VHF-HH,
PWM100VHF-BP, PWM200VHF-HH,
PWM200VHF-BP, PWM200VHF-HH/BP**

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

- When using electrical appliances, basic safety precautions should always be followed.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the appliance to the mains power supply.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- There are no user-serviceable parts in this appliance. Refer servicing to qualified personnel.
- Unplug the appliance when not in use.
- All replacements purchased, should be of the same specification as the original part in order to avoid a hazard.
- Do not use or store in a damp/wet environment, or in direct sunlight.
- Alkaline test batteries are included and it is recommended that only premium quality alkaline batteries are used.
- Ensure that the batteries are inserted correctly, observing the plus and minus marks on both the batteries and the compartment.
- Fit a full set of batteries at one time.
- Remove dead batteries, or if the appliance is not going to be used for a long time.
- Never mix old and new batteries together or different types of batteries.
- Never dispose of batteries in a fire or attempt to recharge ordinary batteries.
- Before cleaning, unplug the appliance and clean using a damp cloth.
- Do not use any chemicals, abrasives or solvents that could damage the product.

WHAT'S INCLUDED

PWM100VHF-HH

- Wireless handheld transmitter
- PWM100VHF receiver XLR ¼"
- Power supply DC 12-15V/500mA
- 2 x test batteries 1.5V

PWM100VHF-BP

- Body pack microphone transmitter
- PWM100VHF receiver XLR ¼"
- Power supply DC 12-15V/500mA
- 2 x test batteries 1.5V

PWM200VHF-HH

- 2 Wireless handheld transmitters
- PWM200VHF receiver XLR ¼"
- Power supply DC 12-15V/500mA
- 4 x test batteries 1.5V

PWM200VHF-BP

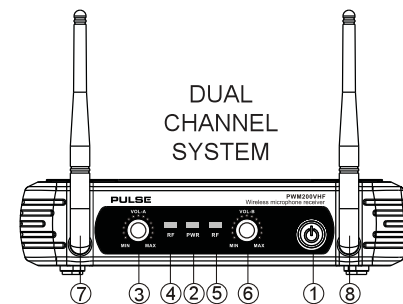
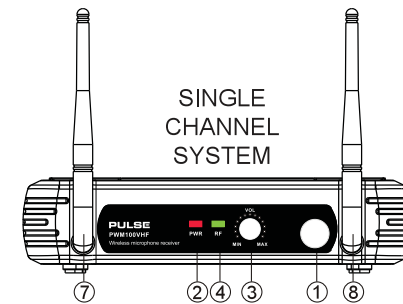
- 2 Body pack microphone transmitters
- PWM200VHF receiver XLR ¼"
- Power supply DC 12-15V/500mA
- 4 x test batteries 1.5V

PWM100VHF-HH

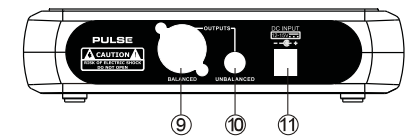
- Wireless handheld transmitter
- Body pack microphone transmitter
- PWM200VHF receiver XLR ¼"
- Power supply DC 12-15V/500mA
- 4 x test batteries 1.5V

PRODUCT OVERVIEW

Receiver



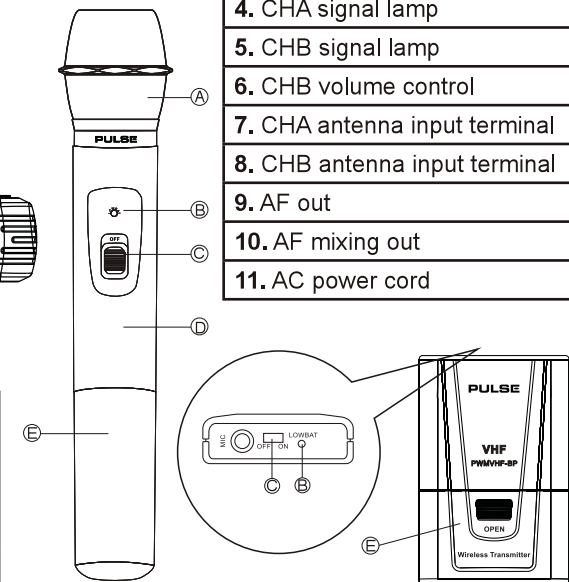
REAR PANEL



- | |
|-------------------------------|
| 1. Power switch |
| 2. Power signal lamp |
| 3. CHA volume control |
| 4. CHA signal lamp |
| 5. CHB signal lamp |
| 6. CHB volume control |
| 7. CHA antenna input terminal |
| 8. CHB antenna input terminal |
| 9. AF out |
| 10. AF mixing out |
| 11. AC power cord |

Microphone

- | |
|------------------------------|
| A. Grill |
| B. Low battery LED indicator |
| C. ON/STB/OFF switch |
| D. Body |
| E. Battery cover |



OPERATION

- Place the receiver near to the audio adjuster, connect the power and the signal protected cord with either A.OUT, B.OUT or MIX.OUT.
 - Then connect the amplifier or the microphone of the audio adjuster (MIC IN) and draw out the two antennae completely.
 - Turn on the power switch and the indicator will light up.
 - To install the battery, unscrew the cover of the battery case and place the battery in the compartment, observing the plus and minus marks on both the battery and the compartment.
 - Move the switch to the ON position and the signal lamp will light up, meaning the receiver and microphone are ready.
- Note: If the light on the microphone is off or dim, then it indicates that the battery is low and it should be replaced in order to maintain optimum performance.