



AVTRONICS AVT-QUAD1 Microphone Wireless Systems User Manual

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AVTRONICS AVT-QUAD1 Microphone Wireless Systems User Manual



Please read and keep for future reference.

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TRANSMITTER SPECIFICS

AVT-QUAD1 and AVT-4BP1

Handheld Transmitters:

Channel A (Purple) **696.65 MHz** FCC ID: Y3I-AVTQUADHH8
Channel B (Yellow) **693.65 MHz** FCC ID: Y3I-AVTQUADHH7
Channel C (Pink) **631.75 MHz** FCC ID: Y3I-AVTQUADHH6
Channel D (Gray) **625.15 MHz** FCC ID: Y3I-AVTQUADHH5

Beltpack Transmitters:

Channel A (Purple) **696.65 MHz** FCC ID: Y3I-AVTQUADBP8
Channel B (Yellow) **693.65 MHz** FCC ID: Y3I-AVTQUADBP7
Channel C (Pink) **631.75 MHz** FCC ID: Y3I-AVTQUADBP6
Channel D (Gray) **625.15 MHz** FCC ID: Y3I-AVTQUADBP5

AVT-QUAD2, AVT-QUAD2B and AVT-4BP2

Handheld Transmitters:

Channel A (Red) **697.85 MHz** FCC ID: Y3I-AVTQUADHH4
Channel B (Green) **680.45 MHz** FCC ID: Y3I-AVTQUADHH3
Channel C (Blue) **621.55 MHz** FCC ID: Y3I-AVTQUADHH2
Channel D (Orange) **619.15 MHz** FCC ID: Y3I-AVTQUADHH1

Beltpack Transmitters:

Channel A (Red) **697.85 MHz** FCC ID: Y3I-AVTQUADBP4
Channel B (Green) **680.45 MHz** FCC ID: Y3I-AVTQUADBP3
Channel C (Blue) **621.55 MHz** FCC ID: Y3I-AVTQUADBP2
Channel D (Orange) **619.15 MHz** FCC ID: Y3I-AVTQUADBP1

***** CONSUMER ALERT *****

Most users do not need a license to operate this wireless microphone system. Nevertheless, operating this microphone system without a license is subject to certain restrictions: the system may not cause harmful interference; it must operate at a low power level (not in excess of 50 milliwatts); and it has no protection from

interference received from any other device. Purchasers should also be aware that the FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change. For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at www.fcc.gov/cgb/wirelessmicrophones.

NOTE: The manufacturer, distributor, and supplier is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Congratulations on purchasing a fine wireless microphone system from AVTronics.

This product should give you trouble free service throughout it's life. We trust you will enjoy it's performance.

FEATURES AND SPECIFICATIONS LIST

- Use up to 4 wireless microphones at once (8 with an additional system – to use 2 systems use separate frequency groups such as AVT-QUAD1 and AVT-QUAD2 or AVT-QUAD2B)
- Far reaching working distance: 200 feet
- Reliable sturdy construction
- Operates on 4 single channel fixed frequencies (UHF 600MHz band)
- Carrier wave stability: 10PPM
- Sensitivity: -105dB @ sinad = 12dB
- S/N Ratio: >105dB (virtually eliminates distortion)
- Great frequency response: 50Hz~18KHz
- Squelch control: dual-squelch circuit eliminates static and stray signals
- 4 individual volume controls
- Max. output level: balanced (0 – 400mv), unbalanced (0 – 200mv)
- Power supply: external DC power supply, 0.8A, 12~18V DC
- Output connectors: 4 XLR balanced, 1 mixed unbalanced 1/4" TRS
- Requires 2 AA batteries for each transmitter
- Compact size: 16.5"(L) x 1.8"(H) x 9.8"(D) (approximate dimensions)
- Lightweight: (approx.) 13.2 lbs for receiver and 4 microphones in carton

AVAILABLE MODELS

AVT-QUAD1 Comes with 4 handheld microphones, 1 receiver, and power cord.
Frequency group 1.

AVT-QUAD2 Comes with 4 handheld microphones, 1 receiver, and power cord.
Frequency group 2.

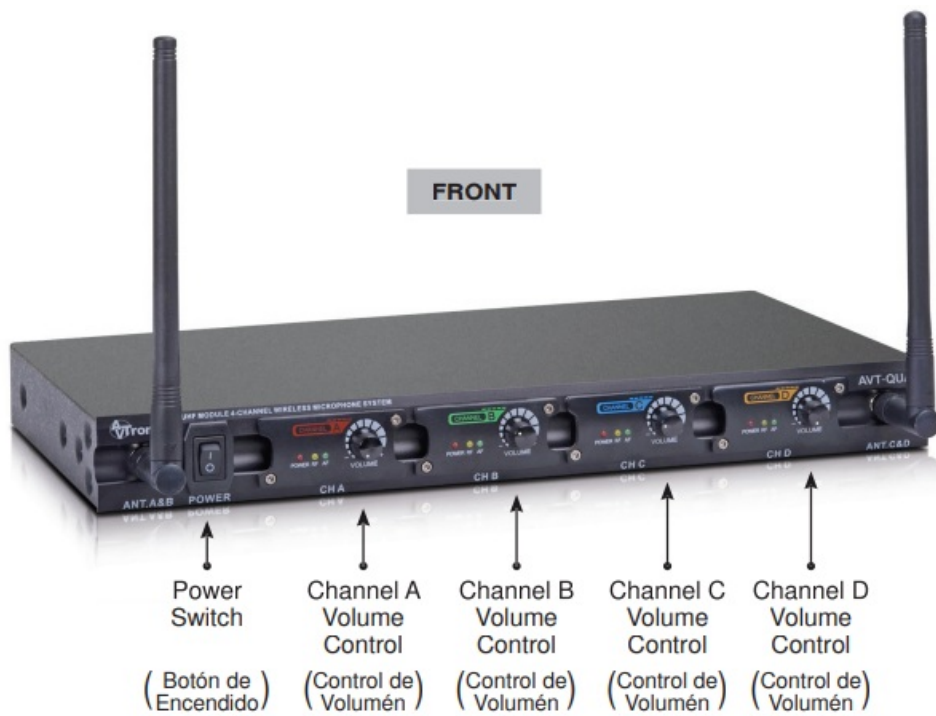
AVT-QUAD2B Comes with 3 handheld microphones, 1 beltpack and lavalier mic, 1 receiver, and power cord.
Frequency group 2.

AVT-4BP1 Comes with 4 beltpacks and lavalier mics. Frequency group 1.

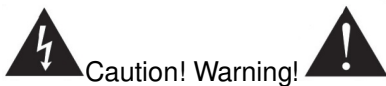
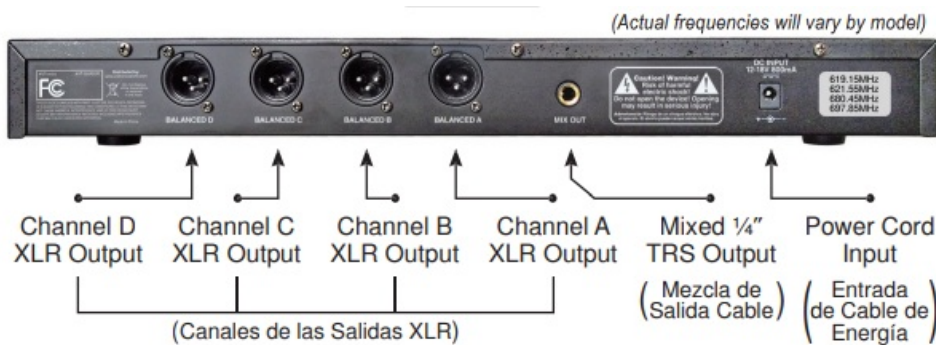
AVT-4BP2 Comes with 4 beltpacks and lavalier mics. Frequency group 2.

Optional Accessories: To add optional accessories such as a pack of 4 beltpacks or a second system go to www.avtronicsworld.com to find a dealer.

HELPFUL DIAGRAMS



BACK



Caution! Warning~. Risk of harmful electric shock!
Do not open the device! Opening may result in serious injury!
Opening the device may void your warranty.



Do not dispose of this device by putting in the trash.

RECEIVER



BELTPACK



CAUTION!

To lower the risk of potentially harmful electric shocks please do not perform any of the following procedures:

- Do not disassemble, remove screws, or otherwise in any way open the enclosure.
- Keep receiver and transmitters away from water including rain and moisture.
- Make sure there are no breaks in the A/C power cable.
- Make sure the switch is to the off position when you turn on the unit.
- Do not use this device in the rain, swimming pools or in moist damp environments.

GETTING STARTED

Step 1 Verify that all equipment including the sound system is turned off.

Step 2 Attach power supply cord to receiver.

Step 3 Make sure you have batteries in each transmitter that you plan to use.

Step 4 Plug power supply cord from receiver into the wall.

Step 5 Plug receiver into sound system. Do this by either plugging in each channel using the XLR outputs on the back of the receiver (each channel requires one XLR cable) or by connecting one 1/4" cable to the sound board.

Note: If you want the sound technician to be able to adjust each channel individually on your mixer, such as EQ, volume, and auxiliary send, you must use the XLR outputs, not the 1/4" output. Turn the channel volume controls on the receiver all the way up and mix independently on your mixer. If you use the 1/4" output you must adjust (mix) your volume levels on the front of your receiver.

Step 6 Turn on receiver.

Step 7 Turn on transmitters.

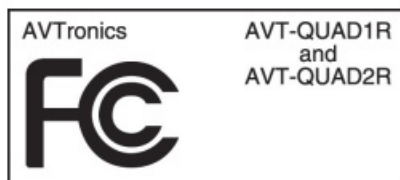
Step 8 Adjust individual volume controls to desired levels.

TROUBLE SHOOTING

| PROBLEM | POSSIBLE SOLUTION |
|---|--|
| The receiver has no power. Transmitter has no power. The volume of each microphone is not at the the same level coming through the sound board. The sound is coming through on the same channel for all 4 microphones and as a result cannot be adjusted i ndividually. Feedback | Check to make sure the power cord is plugged in and t he switch is put to the "on" position. Make sure the switch has been put to the "on" position. If the unit is still not working then check the batteries in the transmitter. Each unit requires 2 AA batteries. Check to make sure the volume knobs on the receiver are all turned to the same position or all the way on. Use 4 individual XLR cables to plug into the sound boa rd instead of the 1/4" cable. The microphone user may be too close to a speaker or stage monitor while the microphone is in use. |

FCC INFORMATION

AVT-QUAD1R and AVT-QUAD2R Receiver:



THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE

www.avtronicsworld.com



Documents / Resources



[AVTRONICS AVT-QUAD1 Microphone Wireless Systems \[pdf\] User Manual](#)
AVT-QUAD1 Microphone Wireless Systems, AVT-QUAD1, Microphone Wireless Systems, Wireless Systems

References

-  [Manual-Hub.com – Free PDF manuals!](#)
- [User Manual](#)

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