

# Delta PA

## Troubleshooting Guide

Symptom		Problem Isolation Steps	Resolution
No Sound From Speaker	Check	that Delta PA is powered on.	The power (green) and charger (red) LEDs should be lit, and a red number should be displayed on the receiver module(s). If they are not lit, the amplifier battery may need to be charged.
	Check	that the Delta PA is set to the same channel as the transmitter(s).	The red number display on the receiver module should match the number on the rotary dial of the transmitter. If it is not, adjust the channel up or down buttons on the receiver module underneath the red number display.
	Verify	that the appropriate volume knob is turned up.	If the blue LED is illuminated on the RECVR 1 module, the red volume knob should be utilized. If the blue LED is illuminated on the RECVR 2 module, the green volume knob should be utilized.
	Verify	that the receiver module and transmitter(s) are on the same frequency group.	There are three different frequency groups (620, 640, and 660). The frequencies of the transmitter(s) and receiver module need to be matched in order to function properly. The frequency group is located on a sticker on front of the receiver module, and it is on the serial number sticker of the transmitters.
	Check	that the transmitter is switched on.	When you turn the transmitter on, the red LED should flash on and then go off. If the light stays illuminated, then the battery is low and needs to be recharged or replaced.
	Check	that the microphone is securely attached to the beltpack.	The microphone cord should "snap" into place in the microphone jack of the beltpack transmitter.
The Amplifier Battery Will Not Charge	Check	that the charge LED on the power supply is on.	Ensure that the power supply is firmly connected to the back of the amplifier. Also check to make sure that the wall cord from the outlet is completely inserted into the "brick" power supply that connects to the back of the amplifier.
	Verify	that the fuse is good.	Open up the fuse casing (located just above the power input on the back of the amplifier). Push in and gently turn 1/4 counterclockwise. The casing will pop out for removal. Visually check to see if the fuse has been blown. If it has, replace with a 250V, 3.15A slow-blow fuse.

Symptom		Problem Isolation Steps	Resolution
Fluctuating Volume Levels	Verify	that the main speaker battery has been fully charged.	If the POWER LED is red, then the battery is low and needs to be charged before use.
Drop-out or Interference Problem	Verify	that you are using a clear channel.	The wireless frequency being used may not be a clear frequency. With the transmitter in the 'on' position, press the SCAN button on the receiver module to find a clear frequency. Then select the same channel on the transmitter.
	Check	to make sure that you are within range of the speaker.	The transmitters have a maximum range of approximately 300-350 feet in an open field environment. This range can be dramatically reduced indoors and also outdoors when large objects (such as a wall) may be obstructing the path directly between transmitter and receiver. If so, position the two closer together.
Static Is Heard From Speaker	Check	that the batteries have been charged.	Overall performance of the system can be drastically lessened with a low battery. Check that all batteries are fully charged.
	Check	the condition of the microphone cord.	Make sure that the microphone cord is firmly secured into the beltpack's mic jack. If static occurs when wiggling the cord, the microphone cord may need to be repaired or replaced.
Volume Issues	Check	to make sure that the microphone is positioned correctly.	The lapel microphone should be positioned at the level of the collar bone.
	Check	the volume level on the amplifier.	If the volume is too high, feedback will occur. Adjust accordingly.
BP016 BeltPack Will Not Power On	Verify	that the correct battery is being used.	The BP016 uses the Lightspeed NH1 NiMH battery for proper operation and charging. The Lightspeed NH1 is recommended for optimum use.
	Check	that the battery is installed properly.	Ensure that correct polarity is observed.
	Check	that battery contacts are not obstructed.	Ensure that there is no object preventing good contact between the battery and contacts.
BP016 Won't Charge	Verify	that the correct battery is being used.	The BP016 uses the Lightspeed NH1 NiMH battery for proper operation and charging. The Lightspeed NH1 is recommended for optimum use.
	Verify	that the BP016 charging circuitry is working properly.	The BP016 should be in the off position when charging. Substitute known good NiMH rechargeable batteries and see if it charges in the microphone. If they do charge, replace worn or defective batteries. Typical battery life is 1-2 years.
	Verify	that the TX900 Battery Charger is not damaged or defective.	Try known good Battery Charger.

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Symptom		Problem Isolation Steps	Resolution
HM016 Hand-held Mic Will Not Power On	Verify	that the correct battery is being used.	The HM016 uses the Lightspeed NH1 NiMH batteries for proper operation and charging. The Lightspeed NH1 is recommended for optimum use.
	Check	that the battery is installed properly.	Ensure that correct polarity is observed.
	Verify	that battery contacts are not obstructed.	Ensure that there is no object preventing good contact between the batteries and contacts.
HM016 Won't Charge	Check	that the correct battery is being used.	The HM016 uses the Lightspeed NH1 NiMH batteries for proper operation and charging. The Lightspeed NH1 is recommended for optimum use.
	Check	that the HM-016 charging circuitry is working properly.	The HM016 should be in the off position when charging. Substitute known good NiMH rechargeable batteries and see if it charges in the microphone. If they do charge, replace worn or defective batteries. Typical battery life is 1-2 years.
	Check	that the TX900 Battery Charger is not damaged or defective.	Try known good Battery Charger.

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