

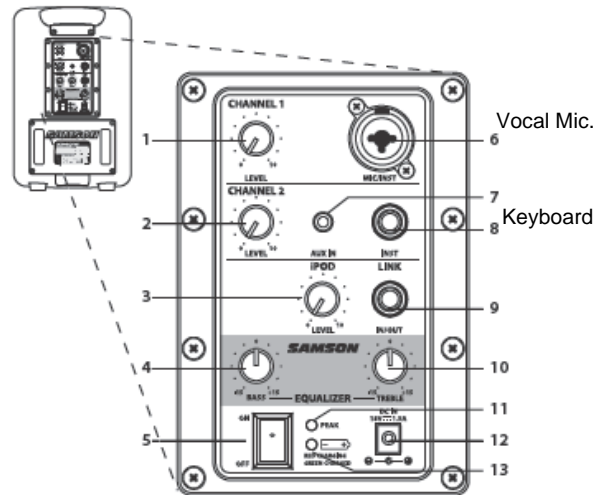


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PA System w/ iPod Deck and Wireless Microphone XP40iW Rear View

1. **LEVEL (CH1)** – Used to control the level of the CHANNEL 1 input
2. **LEVEL (CH2)** – Used to control the level of the CHANNEL 2 input.
3. **RF LED** – Illuminates when an RF signal is detected.
4. **LEVEL (WIRELESS)** – Used to control the level of the wireless microphone.
5. **BASS** – Controls the low band of the Channel Equalizer, +/- 15 db at 100 Hz.
6. **POWER** – Switches on the XP40iw's main power.
7. **MIC/INST (connector)** – Combo XLR plus ¼ inch Input for connecting microphone or Instrument level signals.
8. **AUX IN** – 1/8-INCH Auxiliary line input for connecting a Laptop, CD or MP3 player.
9. **INSTRUMENT Input** – ¼-inch phone jack connector used to connect instrument or line level signals.
10. **iPod LEVEL** Used to control the level of the iPod input.
11. **LINK** – ¼-inch phone jack connector used to link a second XP40iw.
12. **TREBLE** – Controls the high band of the Channel Equalizer, +/- 15 db at 10kHz.
13. **PEAK LED** – The Red LED illuminates at the level where distortion occurs.
14. **DC POWER INLET** – Connect the supplied standard DC power adapter here.
15. **BATTER LED** – Show the status of the battery charge level.



Quick Start

Using a Microphone

- Be sure that the XP40i's POWER switch is set the off position.
- Turn the CHANNEL 1, CHANNEL 2 and iPod LEVEL controls fully counterclockwise to the off position.
- Connect the power adapter to an AC socket.
- Using a standard XLR cable, plug a microphone into the XP40i's CHANNEL 1 INPUT.
- Switch the XP40i's Power switch to the ON position.
- While speaking into the microphone, slowly raise the CHANNEL 1 LEVEL control until you have reached the desired level.

Using an Instrument Level Signal

- Be sure that the XP40i's POWER switch is set the off position.
- Turn the LINE and MIC LEVEL controls fully counterclockwise to the off position.
- Connect the power adapter to an AC socket.
- Using a standard ¼ inch cable, connect an instrument level signal from a guitar or keyboard into the XP40i's INSTRUMENT INPUT.
- Switch the XP40i's Power switch to the ON position.
- Now, play your keyboard or guitar while slowly raising the CHANNEL 2 LEVEL control until you have reached the desired level.

IMPORTANT NOTE: Be sure to keep the MIC LEVEL control all the way off if there is no microphone connected.

iPod Playback

- Turn all the input channels down by rotating the LEVEL control knobs to their fully counter clockwise position. Then, set the BASS and TREBLE controls to their 12:00 positions
- Check that the rear panel POWER switch is set to the OFF position. Then, plug the supplied power adapter into the rear panel DC inlet, and then plug the wall socket adapter into an acceptable power outlet, but don't turn the unit on just yet.
- If your iPod came with a dock adapter install it into the iPod dock on top of the XP40iw.
- Next install your iPod into the Xp40iw. Be sure the iPod is seated all the way in and that it's making a good connection in the dock.
- Now power on your SP40iw system using the rear panel POWER switch but keep the volume down to start.
- Now press Play on your favorite tune and adjust the SP40iw's rear panel iPod LEVEL control until you reach a comfortable listening level.

PA System w/ iPod Deck and Wireless Microphone - Continued

The XP40iw Wireless Microphone

- 1. Audio on-off switch** – When set to the “ON” position, audio signal is transmitted. When set to the “OFF” position, the audio signal is muted. Because the carrier signal remains during muting. No “pop” or “thud” will be heard. Note that turning this off does **not** turn off the transmitter power – it is simply a way to temporarily mute the transmission of audio signal. If you don’t plan on using the HT5 for extended periods, turn off its power by using the power on-off switch. (see #3 below)
- 2. Battery level meter** - This set of three multicolor LEDs indicates relative battery power, indicating whether the installed battery is at low (red), mid (yellow) or high (green) strength. One or more of these will light whenever the HT5 is powered on (see #3 below). When all three are lit, the battery is at maximum strength. When only the red “low” indicator lights, RF performance is degraded and the battery needs to be replaced.
- 3. Power on-off switch*** -Use this to turn the HT5 on or off (to conserve battery power, be sure to leave it off when not in use).
- 4. Gain control (trimpot)** – This input sensitivity control has been factory preset to provide optimum level for the particular microphone capsule provided with the system and so it is not to be adjusted.
- 5. Battery holder** – Insert a standard 9-volt alkaline battery here, being sure to observe the plus and minus polarity marking shown. **WARNING:** do not insert the battery backwards; doing so can cause severe damage to the HT5.

* Be sure to turn down the WIRELESS LEVEL control before turning transmitter power on or off, or an audible pop may result.

Using the Xp49i Wireless Microphone

The basic procedure for setting up and using the wireless system takes only a few minutes;

- For the system to work correctly, both the receiver and transmitter must be set to the same channel.
- Physically place the unit where it will be used (the general rule of thumb is to maintain “line of sight” between the receiver and transmitter so that the person using the microphone can see the unit).
- Make sure the Power on-off switch in your HT5 handheld transmitter is set to “Off”.
- On the HT5 handheld transmitter, unscrew the bottom section of the microphone by turning it counterclockwise and then slide it off.
- Place a fresh 9-volt alkaline battery in the transmitter battery holder, taking care to observe the polarity markings
- Turn the WIRELESS LEVEL knob on the XP40iw completely counter clockwise. Connect the supplied AC adapter into any standard AC outlet. Press the rear panel POWER switch to turn on the SP40iw.
- Turn on the power to the HT5 transmitter (using its Power on-off switch); all three Battery strength LEDs will light if the battery is sufficiently strong. At this point, the RF LED on the rear panel of the receiver will light. Replace the bottom section of the HT5 handheld microphone by sliding it on and then screwing it back on. Leave the transmitter off for the moment.
- Now it’s time to set the audio level. Make sure that your HT5 transmitter is unmuted by setting its AUDIO switch to “On”. Speak or sing into the mic at a normal performance level and raise the WIRELESS LEVEL control until the desired level is reached. Bear in mind also that the HT5 microphone is **unidirectional** which means it picks up sound from the front of the mic and rejects sound from the rear. This will help reduce the chance of feedback. In general, you can avoid feedback by taking care not to use any microphone directly in front of a PA speaker (if this is unavoidable, try using the equalizer to attenuate those high- or mid-range frequencies which are causing the feedback “squealing”).
- If you hear distortion at the desired volume level, check the rear panel PEAK LEAD. If it is lit red, turn down the WIRELESS LEVEL until it lights only occasionally. If you still hear distortion, do the following:
 - The HT5 transmitter’s Gain control has been factory preset to provide optimum level of the particular microphone being used so no adjustment is necessary. Any distortion present should therefore simply be a matter of the microphone being too close to the mouth; try moving it further away.Note that following this setup procedure, you can always lower the Volume knob of the XP40iw in order to further attenuate the output signal if necessary.
- When first setting up the XP40iw in a new environment, it’s always a good idea to do a walk-around in order to make sure the coverage is provided for your entire performance area. As you do so, the “RF” LED on the rear panel of the XP40iw should always remain lit. Always try to minimize the distance between transmitter and receiver as much as possible so that the strongest possible signal is received from all planned transmission points.

