



Avaya J100 Wireless Handset User Manual

Specifications

Handset:

System:	Bluetooth 4.1
Profiles:	Handsfree Profile 1.6 Headset Profile
Audio:	Wideband: 300Hz-8KHz audio reproduction
Battery:	3.7 volt Li-Ion cell 0.56 W Removable for disposal
Battery charger:	Li-Ion battery management system
Contactless charging system:	Inductive coupling to cradle
Controls:	Volume up, down, mute, Multifunction, LED lamp
Operating environment:	0 to 49C
Battery charging environment:	0 to 40C
Weight:	170 grams
Cradle:	
Hookswitch (in-cradle sensor)	Magnetic
Connector	16-pin ribbon type

Connecting the handset cradle to Avaya Vantage

About this task

Use this procedure to connect your handset cradle to Avaya Vantage. The handset cradle is required for a handset.

Before you begin

Ensure that you have the following equipment:

- Avaya Vantage device
- Handset cradle with a connection cable
- Handset cradle stand

Ensure that Avaya Vantage is not connected to a power source.

Procedure

1. Connect the handset cradle cable to the cradle connector of the Avaya Vantage device. Use care to be sure not to bend the pins. Make note of the index pin.
2. Snap the cradle to the Avaya Vantage device. Make sure that the connection cable is not squeezed between the cradle and Avaya Vantage.
3. Connect the handset cradle stand crossbar to the slot in the Avaya Vantage stand. Make sure that the cradle stand crossbar is fixed on the Avaya Vantage stand properly.
4. Connect the handset cradle to the cradle stand using the hinge on the rear panel of the cradle.
5. Connect power source to the Vantage device.
6. Place the wireless handset into the cradle so that the battery can begin to charge. The battery is charged at the factory but during shipping it may have become discharged



The wireless handset and cradle kit is sold separately from the Avaya Vantage device so on first use it must be paired to the Vantage device

Pairing a wireless handset to the cradle

About this task

Use this procedure to pair your handset cradle to Avaya Vantage.

Before you begin

Ensure the handset has been in the cradle long enough so that the battery is charged. Be sure to start with the handset power off.

Procedure

1. From the Home screen, tap Applications.
2. Tap Settings.
3. Tap Bluetooth.
4. You might need to enter the administrator password to view the Bluetooth menu on the Settings screen.
5. (Optional) Turn Bluetooth on, if Bluetooth is disabled.
6. Press and hold the Multi-Function button on your wireless handset. Hold for at least 10 seconds.
7. The handset's Blue lamp will begin to flash at 0.5 second rate indicating it is in pairing mode. Avaya Vantage identifies and displays the handset in the list of available Bluetooth devices. The Wireless handset will show up as Avaya J100-xxxxxx. The xxxxxx should match the label printed on the handset. Pairing mode will time out in 150 seconds.



8. Tap the wireless handset in the list of available Bluetooth devices. Successful pairing will be confirmed by the handset flashing its lamp at 0.1 second rate for 1 second.

Note: the pairing procedure must start with the handset in the off state.

Result

You can now use your wireless handset for calls as long as the handset is turned on. When the handset is turned off, you cannot use it for calls, but it is still paired to Avaya Vantage. It will re-pair automatically when the handset is turned on.

Using a Wireless Handset

Audio

The Avaya Wireless Handset is capable of wideband audio reproduction.

Battery Charging

The Wireless handset uses a contactless charging system. It is only necessary to place the handset in the cradle and if it is required charging will automatically commence. The Avaya Wireless Handset uses a compact Lithium-Ion battery with a battery management and protection system to avoid over or under charging so that service life is extended.

The battery protection system will not allow the battery to overcharge or to over discharge. To prevent damage to the battery the protection system will not allow the battery to charge if the ambient temperature is higher than 40C.

Battery service life

The battery should provide many years of useful service. Over time the storage capacity will diminish slightly. This is normal and should not affect normal use.

Battery talk time

From fully charged the wireless handset should provide 8 hours talk time when new. Over the service life this may diminish slightly. Upon first use it may be necessary to place the handset in the cradle to charge before attempting to pair it or use it or achieve the full talk time. To prevent damage to the battery the protection system will not allow the battery to discharge below a certain point. If the battery state of charge reaches a critical value during a call you will be notified by a series of warning tones. After several minutes the handset will power down. It is important to return the handset to the cradle when you hear the warning tones. The battery state of charge can be seen on the Vantage device.

Battery standby time

Standby time (not in cradle) from a fully charged battery is in **excess of 3 days** with the handset on, and many months with the handset off.

Battery recharge time

Battery should **fully recharge in 2 hours**. There is no need to fully discharge it before re-charging.

Battery disposal

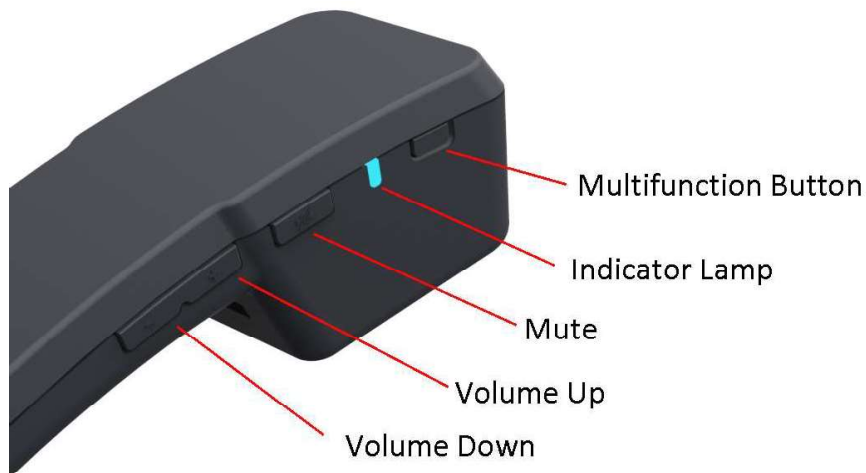
At the end of the service life, please remove the battery and deliver it to a battery recycling depot

Range

The Avaya Wireless Handset uses Bluetooth Technology. It is a Class 2 device meaning the nominal range is 10 meters. In practical use you may find the range to be greater or less than

10 meters. If the handset is out of range longer than 60 seconds, you will need to press the mute button when back in range to re-establish the connection.

Operating Controls



Multi-function Button

The multifunction button provides the following functions:

Action	Press and hold MF button	Lamp confirmation	Note
Power On	Press 2.4 seconds	Flash 4 times	
Power Off	Press 3.2 seconds	Flash 3 times	
Pairing Mode	Press 10 seconds	Flash continuous at 0.5 second rate	Timeout in 150 seconds
Answer Call	Short press		
Reject Call	Press 1 second		
End Call	Short press		

Note that the Multi-function button is recessed to prevent accidental pressing

Volume Up and Down

Pressing the volume buttons will raise and lower the receive volume

Mute

Alternate press of the mute button will mute and unmute the microphone path. The receive path is not affected.

Indicator Lamp

The blue LED indicator lamp shows the current state and also is used to confirm actions.

Function	Lamp indication	
Paring mode	Flash at 0.5 second rate	Timeout in 150 seconds
Paring OK	Flash at 0.1 second rate 10 times	
Connected mode	Flash every 5 seconds	
Standby mode	Flash every 5 seconds	Power off after 60 seconds
Incoming Call	Flash 3 times every 7 seconds	
Confirm power on	Flash 4 times quickly	
Confirm power off	Flash 3 times quickly	

Operation of the Wireless Handset

Before you begin

Ensure the handset has been in the cradle long enough so that the battery is charged. Be sure the handset is properly paired with the Avaya Vantage device and that the handset is powered on and in the connected state indicated by indicator lamp flashing every 5 seconds.

Basic Operation with Cradle

To answer an incoming call lift the handset from the cradle, the call will be connected. To end the call replace the handset in the cradle and the call will be disconnected. Be sure to return the handset to the cradle often so that the battery will remain charged.

For an outgoing call, lift the handset and using the vantage device establish a call from the contacts or dialpad.

You may transfer a call to the speaker phone by first selecting speaker phone on the Vantage device, and then return the wireless handset to the cradle.

You may transfer a speaker phone call to the handset simply by lifting the handset, the call will transfer automatically.

Operations without cradle

If the handset is out of the cradle you may answer an incoming call, or end a call by pressing the Multi-Function button. You should return the handset to the cradle as soon as possible to keep the battery well charged.

Federal Communication Commission Interference Statement

This device complies with Part 15/18 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 undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The information required for devices that have been approval using FCC's certification procedures for Part 18 and with Bluetooth transceiver will need the following information:

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45–30 MHz.

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. 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 undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.