

BP850 | BP851 Beltpack and Accessories



BP850/BP851
Wireless Beltpack



BPPCH100
Beltpack Pouch



Battery sled



BAT50
Rechargeable battery



BATCHG225, 8 Port charger



BATCHG125, 7 Port charger

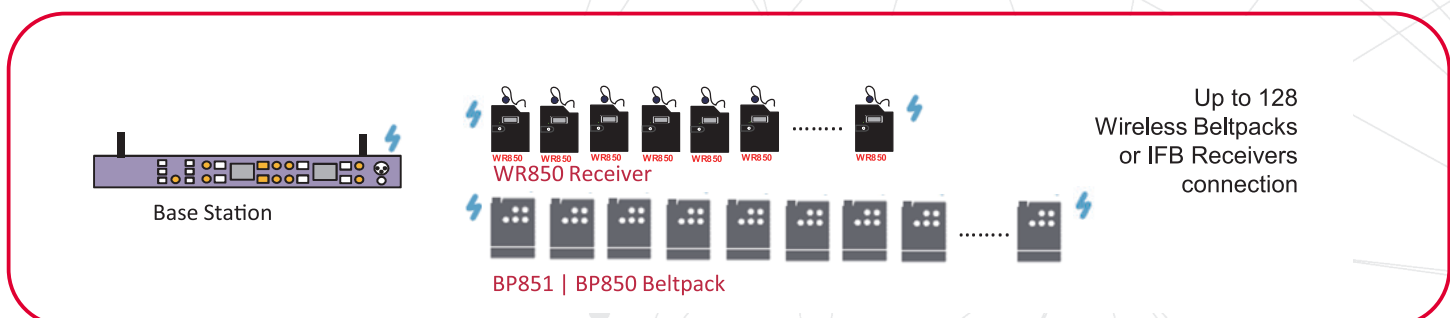
Genie Wireless Beltpacks BP850/BP851 can use five(5) group conference channels to communicate with other devices such as Genie IP Beltpack, Genie Key Panels and external devices, and each Genie group channel can be selected to open the talk/listen path. Up to 128 Wireless Beltpacks can be connected per system of which up to 70 simultaneous talk/listen audio paths are provided with a BS1000 Base Station and 6 Remote Antennas. The 128 Wireless Beltpacks can be connected to any Genie wireless antennas without limitation.

Also, you can specify the IFB group channel and dim level of the program audio (program input) for Wireless Beltpacks with the setting of Base Station BS1000 in Genie Configuration Manager GCMV2.

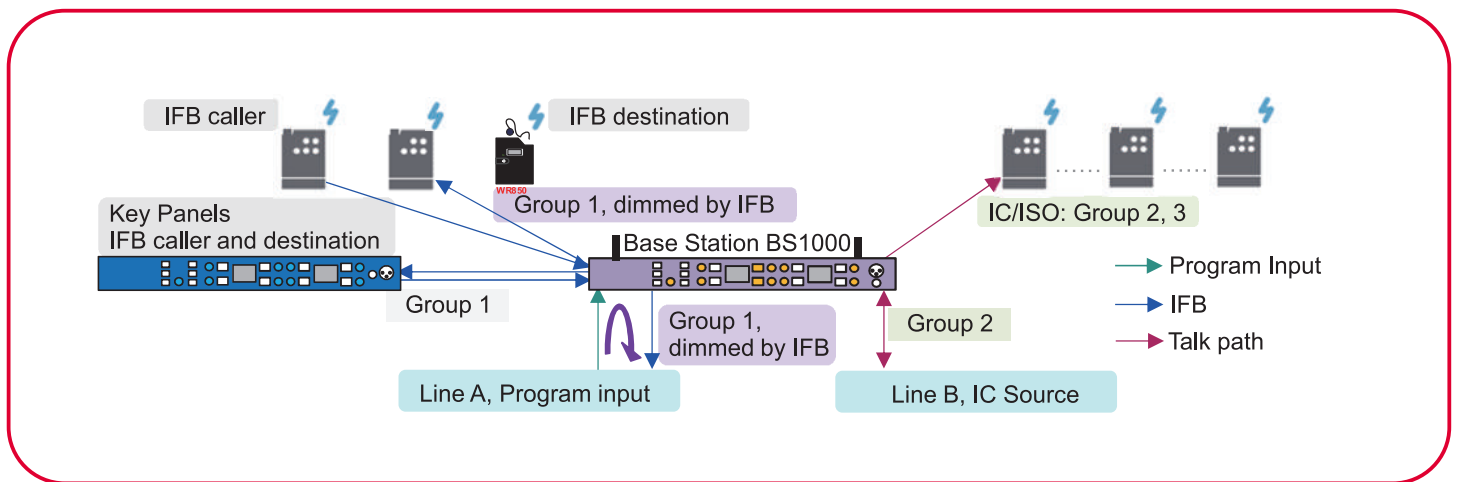
BP850 | BP851 Main Features

- ▶ Compact and light Beltpacks that operate in 5GHz UNII band
- ▶ Co-use with up to 128 wireless Beltpack or Wireless IFB receivers
- ▶ Can be paired up with up to five(5) Base Stations or MS150 Mobile Stations and an easy selection of one station from the Beltpack screen
- ▶ One(1) of five(5) Genie group channels can be selected.
- ▶ Simultaneous Talk and Listen for communications in multiple group channels and individual volume control for each channel
BP851 is for four(4) channels simultaneous Talk and Listen communications.
BP850 is for two(2) channels simultaneous Talk and Listen communications.
- ▶ Any one of the Beltpacks in Master mode – up to 128 Beltpack connection in the Master mode
- ▶ Either rechargeable battery pack BAT50 or AA type Alkaline batteries can be used.
- ▶ Non-LaON rechargeable battery can also be used with the LaON provided battery Sled.

System Usage - Stand Alone



System Usage - IFB and IC/ISO



BP850 | BP851 Specification

Model	BP850 BP851
RF Frequency	Use 20Mhz channels within the 5GHz U-NII band, from 5180-5845MHz depending on region
Antenna	Internal
RF Modulation	QPSK
Number of Channels (Individual Level Control)	BP850: Two(2) simultaneous or five(5) selectable Genie group channels BP851: Four(4) simultaneous or five(5) selectable Genie group channels
Audio Bandwidth	200 Hz to 7.2 kHz
Headset Output	250mW into 32 Ohm
Headset	Dynamic or Electret, 6-pin mini-Din male
Latency	One-way system latency less than 23ms direct
Communication Security	256 bits key AES level 3 encryption
Display	OLED
Button	Push buttons
Battery Requirement	2.4V 2450mAh rechargeable Ni-MH Battery 'BAT50', Two(2) AA size 1.5V Alkaline (or Lithium-ion) batteries
Rechargeable Battery Life	Approximately 9 hours with BAT50 (5 hours with AA Alkaline batteries)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Dimensions	2.89W x 0.92D x 3.83H inch (7.35W x 2.35D x 9.73H cm) without Belt Clip
Weight	0.45 lb (202g) with battery / 0.29 lb (133g) without battery