

Specifications

GENERAL		TRANSMITTER	
Dimensions	2.5" w x 1" d x 4.25" h	Output	50mV/m (FCC Part 15)
Weight	5 oz	Deviation	30KHz/+-10KHz
Modulation	Frequency modulation	Modular distortion	<5%
Tuning	PLL Frequency synthesizer	Spurious radation	>50 dBC
Power	4.8V NiMh Battery, 700 mAH	RECEIVER	
Battery life	Standby(70mA)=10 hours	Sensitivity	<-100dBm @ 12dB SINAD
	Communication(150mA)=5 hrs	IF bandwidth	180KHz
Charging time	150mA/hours fast, 6 hrs for full	Image rejection	>60 dB
Range	Up to 150 yards	Operating temp	-10 to +40-C
Antenna	Internal	Switches	Off/Vol, Channel Select, Full/Standby

Porta Phone Co. Simultalk 24G Wireless



**Simultalk 24G
Full Duplex
Wireless
Communication
System**



PORTA PHONE
145 Dean Knauss Drive
Narragansett, RI 02882
Tel: 1-800-233-1113
In RI: 401-789-8700
Fax: 401-789-7300

Simultalk 24G Wireless Features

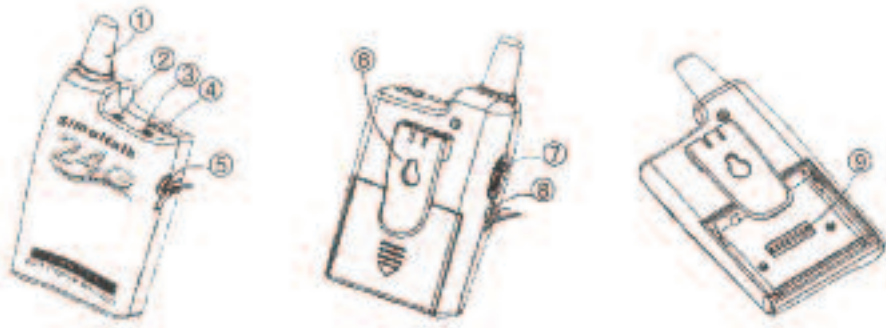
Full duplex, two-way transceiver

Simultaneous talk - hands free communications

State of the art 2.4GHz digital technology

Certified for worldwide use

No license required



1	Antenna
2	Power ON Indicator
3	Status Indicator
4	Talk Button
5	Headset Socket
6	Belt Clip
7	ON/OFF Volume Control Knob
8	Charger Socket
9	Radio Channel Dip Switch - inside battery compartment

NOTE: To communicate properly, all radios in the group must be set to the same frequency. The dip switch channel programming feature is located inside the battery compartment. See page 3 for channel combinations.

Simultalk 24G Wireless Instructions

Charging the Radios

The batteries that provide power to your system do not need to be “drained”. Simply follow the procedure below within 48 hours before every game:

1. All radios should be OFF.
2. Plug AC Charger/Adapter into a wall outlet and attach to Radio Charging Jack.
3. Charge each radio for 6 hours.
4. The transceiver battery charges fully in 6 hours. To prevent overheating of the charger and to prevent damage to the charge circuit do not leave the charger plugged in for more than 12 hours. A fully charged battery will operate in full duplex up to 4.5 hours and up to 8 hours switching to standby mode periodically.

Identify Your Radios

1. One radio will be programmed to CONTINUOUS TALK.
 - Press talk button to power ON radio
 - Left light: red indicates power ON
 - Right light: green indicates transmit only, receiver muted
 - Right light: amber indicates transmitting and receiving
2. One radio will be programmed to CONTINUOUS RECEIVE.
 - Press TALK button to power ON radio
 - Left light: red indicates power ON
 - Right light: red indicates receive only, mic muted
 - Right light: amber indicates transmitting and receiving

Using Your Radios

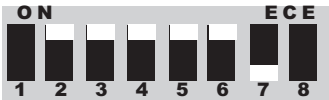
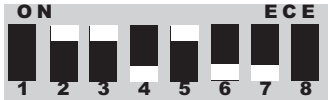


















1. Charge radios as indicated above.
2. Plug headset jack into headset socket. Turn the volume ON. Position headset microphone directly in front of mouth.

Using Your Headsets



Porta Phone headsets include a special noise cancelling microphone. For optimum performance adjust microphone boom so the element is directly in front of, and approximately 1 - 2” from the user’s mouth.



Simultalk 24G Wireless Channel Combination (1)

DIP SW	Channel	DIP SW	Channel
	CH 1		CH 11
	CH 2		CH 12
	CH 3		CH 13
	CH 4		CH 14
	CH 5		CH 15
	CH 6		CH 16
	CH 7		CH 17
	CH 8		CH 18
	CH 9		CH 19
	CH 10		CH 20

Simultalk 24G Wireless Channel Combination (2)

DIP SW	Channel	DIP SW	Channel
	CH 21		CH 31
	CH 22		CH 32
	CH 23		CH 33
	CH 24		CH 34
	CH 25		CH 35
	CH 26		CH 36
	CH 27		CH 37
	CH 28		CH 38
	CH 29		CH 39
	CH 30		CH 40

Channel Frequency Table

Porta Phone service: 1-800-233-1113

CH	Master Unit		Remote Unit	
	Frequency (MHz)		Frequency (MHz)	
	TX	RX	TX	RX
1	2457.5714 MHz	2400.9685 MHz	2400.9685 MHz	2457.5 MHz
2	2457.6784 MHz	2401.0755 MHz	2401.0755 MHz	2457.6784 MHz
3	2457.7854 MHz	2401.1825 MHz	2401.1825 MHz	2457.7854 MHz
4	2457.8924 MHz	2401.2895 MHz	2401.2895 MHz	2457.8924 MHz
5	2457.9994 MHz	2401.3965 MHz	2401.3965 MHz	2457.9994 MHz
6	2458.1064 MHz	2401.5035 MHz	2401.5035 MHz	2458.1064 MHz
7	2458.2134 MHz	2401.6105 MHz	2401.6105 MHz	2458.2134 MHz
8	2458.3204 MHz	2401.7175 MHz	2401.7175 MHz	2458.3204 MHz
9	2458.4274 MHz	2401.8245 MHz	2401.8245 MHz	2458.4274 MHz
10	2458.5344 MHz	2401.9315 MHz	2401.9315 MHz	2458.5344 MHz
11	2458.6414 MHz	2402.0385 MHz	2402.0385 MHz	2458.6414 MHz
12	2458.7484 MHz	2402.1455 MHz	2402.1455 MHz	2458.7484 MHz
13	2458.8554 MHz	2402.2525 MHz	2402.2525 MHz	2458.8554 MHz
14	2458.9624 MHz	2402.3595 MHz	2402.3595 MHz	2458.9624 MHz
15	2459.0694 MHz	2402.4665 MHz	2402.4665 MHz	2459.0694 MHz
16	2459.1764 MHz	2402.5735 MHz	2402.5735 MHz	2459.1764 MHz
17	2459.2834 MHz	2402.6805 MHz	2402.6805 MHz	2459.2834 MHz
18	2459.3904 MHz	2402.7875 MHz	2402.7875 MHz	2459.3904 MHz
19	2459.4974 MHz	2402.8945 MHz	2402.8945 MHz	2459.4974 MHz
20	2459.6044 MHz	2403.0015 MHz	2403.0015 MHz	2459.6044 MHz
21	2459.7114 MHz	2403.1085 MHz	2403.1085 MHz	2459.7114 MHz
22	2459.8184 MHz	2403.2155 MHz	2403.2155 MHz	2459.8184 MHz
23	2459.9254 MHz	2403.3225 MHz	2403.3225 MHz	2459.9254 MHz
24	2460.0324 MHz	2403.4295 MHz	2403.4295 MHz	2460.0324 MHz
25	2460.1394 MHz	2403.5365 MHz	2403.5365 MHz	2460.1394 MHz
26	2460.2464 MHz	2403.6435 MHz	2403.6435 MHz	2460.2464 MHz
27	2460.3534 MHz	2403.7505 MHz	2403.7505 MHz	2460.3534 MHz
28	2460.4604 MHz	2403.8575 MHz	2403.8575 MHz	2460.4604 MHz
29	2460.5674 MHz	2403.9645 MHz	2403.9645 MHz	2460.5674 MHz
30	2460.6744 MHz	2404.0715 MHz	2404.0715 MHz	2460.6744 MHz
31	2460.7814 MHz	2404.1785 MHz	2404.1785 MHz	2460.7814 MHz
32	2460.8884 MHz	2404.2855 MHz	2404.2855 MHz	2460.8884 MHz
33	2460.9954 MHz	2404.3925 MHz	2404.3925 MHz	2460.9954 MHz
34	2461.1024 MHz	2404.4995 MHz	2404.4995 MHz	2461.1024 MHz
35	2461.2094 MHz	2404.6065 MHz	2404.6065 MHz	2461.2094 MHz
36	2461.3164 MHz	2404.7135 MHz	2404.7135 MHz	2461.3164 MHz
37	2461.4234 MHz	2404.8205 MHz	2404.8205 MHz	2461.4234 MHz
38	2461.5304 MHz	2404.9275 MHz	2404.9275 MHz	2461.5304 MHz
39	2461.6374 MHz	2405.0345 MHz	2405.0345 MHz	2461.6374 MHz
40	2461.7444 MHz	2405.1415 MHz	2405.1415 MHz	2461.7444 MHz

***NOTE:** Do NOT service this equipment. If you require service, contact Porta Phone customer service at 1-800-233-1113.



Warranty

Porta Phone wired and wireless communication systems are warranted from defects in material and factory workmanship for a period of two years from the date of purchase.

Exclusions: Battery replacement due to lack of off season maintenance. Damage caused by misuse, accident, or water.

Returns: Porta Phone products may be returned for credit or refund only if received in the original packaging and in NEW condition within 30 days from purchase date. All shipments of Porta Phone products should be sent via UPS, FEDEX or the best available shipper, prepaid & insured.

FCC ID: B4HSLT2400 - 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 undesired operation.

Reconditioning

Factory reconditioning will be performed for the cost of replacement parts and radio retuning. Inbound and outbound shipping costs including "express" transportation are also the responsibility of the school.

Letter required: To ensure proper handling and timely equipment return enclose a letter. Indicate that you have sent the system for *reconditioning*. Include the following information:

**your name & school
school address
telephone numbers / email address
school fax number
school repair purchase order number**

Emergencies:

Call Monday morning for In-Season emergency help.

If a part is shipped to us overnight on Monday, we repair and return by Friday Guaranteed! (Rush shipping charges will apply)

Porta Phone is not responsible for inbound shipping costs.

Billing

Please provide a school purchase order number along with the name and address of the billing party responsible for payment.

Ship UPS or FEDEX only to:

**PORTA PHONE
145 Dean Knauss Drive
Narragansett, RI 02882
Tel: 1-800-233-1113
In RI: 401-789-8700
Fax: 401-789-7300**

