

description

A dual-receiver, frequency-synthesized, two speaker FM sound field system housed in a single, portable column.

educational & commercial applications

For use in general or special education classrooms, conference rooms, senior centers, or training facilities. Helps reduce teacher/speaker vocal fatigue while improving test scores and listener comprehension.

key features

Portable; easy to install and operate; affordably priced; team-teaching ready; excellent sound quality; 8 channel pairs (16 total frequencies) available in 216MHz band for increased compatibility with other products.

frontrow™ to go sound field system



dual-receiver column speaker: 920SR



receiver top controls



receiver column controls



body-worn transmitter: 921T



transmitter top controls



Carrier frequency range/frequencies: 216.025 – 216.875MHz 16 total
 Modulation: FM (F3E)
 Output power: Maximum 36W @ 4Ω x 2
 Power requirements: 110V/240V AC adaptor 15V DC/2A, Battery 12V/2.7A (rechargeable, sealed lead-acid, 1-1.5 year life with continuous usage)
 Frequency response: 100Hz – 10kHz
 Total harmonic distortion: 1% (at rated output)
 System signal-to-noise ratio: >65 dB (at rated output)
 Inputs: AUX x 1, power & charge
 Output: AUX x 1 (High: 700 mV/Low: 100mV)
 Controls: Tone, channel A & channel B power/volume, aux volume, high/low output, master power, channel selector
 Dimensions (wxhxd): 100 x 660 x 145 mm/ 3.9 x 26 x 5.7 in
 Weight: 5kg/11lbs
 Recharging time: 8 hours for initial charging; 4 – 7 hours for recharging
 Battery operating time: 5 – 8 hours (continuous operation)
 Speaker stand: Optional table stand (AT0823), floor stand (AT0824), or wall brackets (AT0820)
 De-emphasis: 75µs
 Squelch: RSSI

Carrier frequency range/frequencies: 216.025 – 216.875MHz 16 total
 Modulation: FM (F3E)
 Total harmonic distortion: <0.5%
 Frequency response: 50Hz to 12KHz
 Frequency stability: .0005%
 Maximum modulation: ± 25KHz, with level limiting
 Image rejection: over 70dB
 Pre-emphasis: 75µs
 Dynamic range: 100dB
 Operating range: >34m/110ft
 Dimensions (wxhxd): 65 x 90 x 25 mm/ 2.5 x 3.5 x 1 in
 Weight: 51g/1.8oz
 Controls: on/standby/off/channel selector/volume
 Inputs/outputs: 2.5mm microphone input jack
 Battery: NiMH rechargeable (1600mA); alkaline disposable (2AA)
 Battery life: NiMH rechargeable: 20 hours typical; alkaline disposable: 23 hours typical
 Recharging time: 6 hours

u.s.a. **800.227.0735**, then press **5** • canada **800.263.8700** • international **+45 3917 7101**))))))) **PhonicEar®**

handheld transmitter: 922T



Carrier frequency range/frequencies: 216.025–216.875MHz 16 total (see chart below)
 Mic: Dynamic microphone
 Antenna: Built-in
 RF output: 15mW
 Battery: NiMH rechargeable battery; alkaline disposable; 1.5V x 2 AA
 Battery life: NiMH rechargeable: 23 hours typical; alkaline disposable: 27 hours typical
 Recharging time: 6 hours (NiMH batteries)
 Dimensions (dia x length): 54 x 237 mm/2.1 x 9.3 in
 Weight: 230g/8.1oz
 Controls: on/standby/off/channel selector

charging stand: 923C



Power supply: AC adaptor (DC 12V/0.5A)
 Indicator lights: LED green = battery ready; LED orange = recharging; LED red = power on
 Recharging time: NiMH (1300mA): 4 hr
 Dimensions (WxHxD): 135 x 47 x 230 mm/5.3 x 1.9 x 9 in
 Weight: 360g/12.7oz
 Controls: on/off switch

channels/frequencies

Channel #	Channel A	Channel #	Channel B
41	216.025 MHz	51	216.525MHz
42	216.075MHz	52	216.575MHz
43	216.125MHz	53	216.625MHz
44	216.175MHz	54	216.675MHz
45	216.225MHz	55	216.725MHz
46	216.275MHz	56	216.775MHz
47	216.325MHz	57	216.825MHz
48	216.375MHz	58	216.875MHz

microphone options



AT0655
behind-the-neck
microphone
★★★★



AT0814
earhook
microphone
★★★★



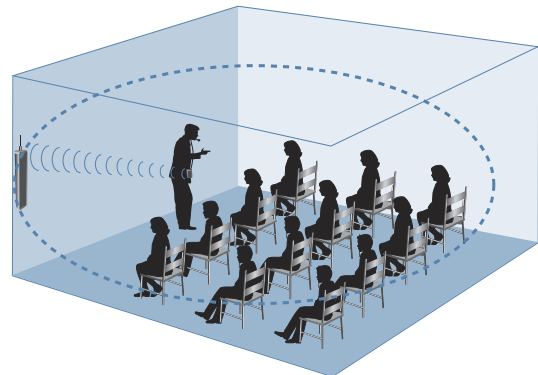
AT0816
FM collar
microphone
with mute switch
★★★



AT0291-L
directional
microphone
with lavalier cord
★★

★★★★= best performing

speaker placement



Based on your classroom acoustics and seating arrangement, speaker placement will vary. Download our **sound field wizard** software from www.phonicear.com to determine the best arrangement possible.

mounting options

choose from one of the following:



AT0820
wall mounting
bracket
(set of 2)



AT0823
speaker table stand



040-7402-106
power supply cord



AT0532-05
auxiliary output/
input cable
(5ft/1.5m)



AT0712
921T elastic
waist belt



300-6332-107
aux-in cable for
external audio
(3.5mm–dual RCA)



AT0831
920SR speaker
antenna



330-3000-101
channel changer
screwdriver

system accessories

optional accessories



AT0822
carrying bag with
shoulder strap



AT0801
aux-box



AT0824
speaker floor
stand



AT0532-15
auxiliary input/
output cable
(15ft/4.6m)



AT0529A
transmitter
antenna



310-2544-1341
aux-out
adaptor plug
(3.5mm–2.5mm)