

description

A four speaker FM amplification system with a wireless microphone and transmitter.

educational & commercial applications

For use in general or special education classrooms, conference rooms, senior centers, or training facilities. Ideal for facilities with 30 or fewer installations serving those with learning disabilities (LD) or minimal hearing impairment. Proven to reduce absenteeism from vocal fatigue and LD referrals while improving test scores and comprehension anywhere background noise is a problem.

key features

Very easy to operate; compatible with EASY LISTENER, SPRITE or SOLARIS receivers on the same channel.

specifications:

EASY LISTENER™

sound field system

**transmitter: PE 300T**

transmitting frequency	72MHz to 76MHz (U.S./Canada) 37, 72, or 173 MHz (outside U.S./Canada)
modulation	FM narrow-band
operating range	50m/160ft
user controls	off/on
inputs/outputs	3.5mm auxiliary input jack 2.5mm microphone input jack
battery life	40Hr (AA alkaline) 10Hr (AA NiCad)
size (WXHxD)	5.6 x 9.4 x 2.5 cm/2.2 x 3.7 x 1 in
weight	80g/2.8oz
case	ABS plastic

base station receiver: PE 210R**auxiliary input**

Plug in CD players, VCRs, or computers for broadcast over the system's speakers. Accommodates a body-worn FM receiver or the 211R wireless mic receiver for team-teaching or two-person presentations.



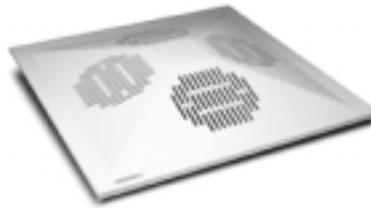
receiving frequency	72MHz to 76MHz (U.S./Canada) 37, 72, or 173 MHz (outside U.S./Canada)
frequency stability	±200Hz 0° to 50° C
modulation	FM narrow-band
AF frequency response	100Hz to 10kHz ±3dB
speakers	8 ohm
max. acoustic output	90dB SPL @ 1m
auxiliary input level	100 mV
aux. input impedance	≥10k ohm
signal-to-noise	> 60dB
THD	< 2%
nominal deviation	±3.6kHz
maximum deviation	±10kHz
squelch	RSSI-type
squelch level	1µV at 20dB SINAD
power supply	16.5VDC at 1.2A (AT0577)
user controls	on/off/vol, FM vol, aux vol, tone, channel selector (PE 210FSR)
displays	LEDs for "On" and "No FM"
color	black with purple/white lettering
size (WXHxD)	21.6 x 6.4 x 15.2 cm/8.5 x 2.5 x 6 in
weight	0.52kg/1.4lbs
case	aluminum, baked enamel finish

speaker options



AT0578S mini speaker

speaker type	Bass reflex; 3.5in woofer; 1in soft-dome tweeter
impedance	8 Ω
capacity	40W continuous power
frequency response	100Hz to 10kHz
user control	on/off switch
size (WxHxD)	11.4 x 17.8 x 12.7 cm/ 4.5 x 7 x 5 in
weight	1.13kg/2.5lbs
mounting	wall mounting brackets provided (tabletop/floor stands also available)
cable	AT0581 7.3m/24ft, 14.6m/48ft, and 18.3m/60ft lengths available
strain relief	spring-loaded pull out cable retainer



AT0664 cluster ceiling speaker

speaker type	4 full-range 20cm/8in speakers
impedance	8 Ω
sensitivity	96dB SPL 1W @ 1m
capacity	40W _{rms}
frequency response	30Hz to 15kHz
size (WxHxD)	60.3 x 60.3 x 7.6 cm/ 23.75 x 23.75 x 3 in
weight	4.53kg/10lbs
mounting	replaces acoustical tile includes safety wire
cable	AT0581-60 18.3m/60ft
enclosure	fire and smoke emission rated
min ceiling height	3m/10ft



AT0806 distributed ceiling speaker

rms power	35W
max power	70W
frequency response	63Hz to 20kHz
impedance	8 Ω
tweeter	.5 in mylar dome
dimensions (Dia x D)	203 x 5.7 cm/9 x 2.25 in
weight (approx)	1.1kg/2.4lbs
min ceiling height	2.7m/9ft

microphone options



AT0814M (with mute)
earhook mic

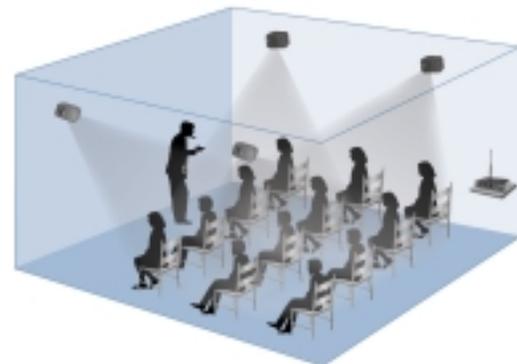


AT0655M
behind-the-neck microphone with mute switch



AT0291-L
directional microphone with lavalier cord

example of speaker placement



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

speaker mounts

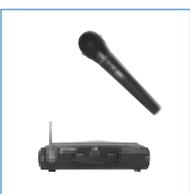


AT0579-T
table-top stand
(requires AT0582 stand adapter)



AT0579
floor stand
(requires AT0582 stand adapter)

optional accessories



PE 211
wireless microphone system
for team-teaching, student
pass-around use



AT0653-30
195cm/30in auxiliary input
cord for team-teaching or
connection to CD players,
VCRs, etc.



AT0532
auxiliary input cord
(5ft/15ft)



AT0512-BU
lavalier cord