

specifications:

frontrow[™]
togo

**portable and flexible
FM soundfield system**

description

A soundfield system combining a dual FM-receiver, column speaker and battery in a stylish, highly portable design.

application & benefits

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

frequencies

173.350-174.100MHz.

key features

Portable; easy to install and operate; affordably priced; team-teaching ready; excellent sound quality; table stand; detachable wall bracket system; mains and battery powered; carry case; channel locks; a total of 16 frequencies configured in 8 pairs; available in 173MHz band for increased compatibility with personal FM devices.

transmitter options

Headset microphone with lightweight body-worn transmitter. Handheld pass microphone for team teaching and student participation.

receiver

Two microphones can be used simultaneously for team teaching or student use. External devices such as a CD player or TV can be connected for increased audio clarity. Personal FM devices are easily connected, for direct to the hearing aid transmission. Mains or built-in battery power can be used so teaching can be performed outside. OptiVoice technology for maximum speech clarity and emphasis on delicate speech sounds to increase comprehension.

speaker

The FrontRow To Go Duo System positions 2 speakers within the column to provide optimum directionality, increased coverage and clarity.

installation

FrontRow To Go has been designed so that virtually no installation is needed. To deliver the optimum flexibility, the system can be attached to a table stand or wall mounting brackets. Either option allows you to effortlessly take the system to another classroom or even outside.



PC Werth
Advanced Sound Technologies



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Combined receiver/speaker column unit



Channel A & channel B, on/off switch/volume



Table stand attachment



On and off switch with power indicator light



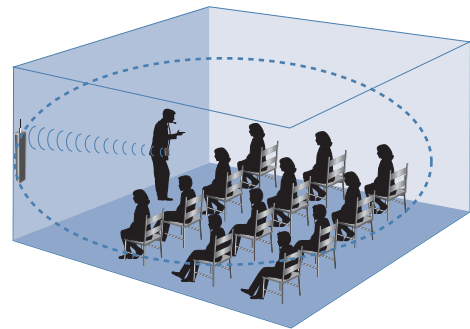
Socket for power cable connection



specifications

Carrier frequency range (202-20-100-00)	173.350-174.100MHz a total of 16
Modulation:	FM (F3E)
Output:	Maximum 36W RMS @ 4Ω
Power requirements:	110V/240V AC 50-60Hz 1A (rechargeable, sealed lead-acid, 1-1.5 year life with continuous usage)
Frequency response:	100Hz-9kHz (at rated output)
Total harmonic distortion:	<1% (at rated output) @ 1kHz
System signal-to-noise ratio:	>70db (at rated output)
Input:	1 x AUX in, 3.5mm mono
Output:	1 x AUX out, 3.5mm mono
Controls:	Channel A/B on/off/volume, Channel A/B channel selector, AUX-in volume, AUX-out volume, OptiVoice, main power
Dimensions (wxdxh):	183x85x750mm/ 7.2x3.4x29.5in
Weight:	Complete Kit in Bag-8.4kg/18.5lb Speaker-5.7kg/12.5lb
Recharging time:	8 hours
Battery operating time:	~6.5 hours (continuous operation)
Operating range:	18.5m/60ft line-of-sight (typical)
Speaker stand:	Table stand and wall brackets
De-emphasis:	75µs

speaker placement



- Front of class, corner of room, 1m from floor
- Designed to provide coverage for rooms of various sizes



Lead Free

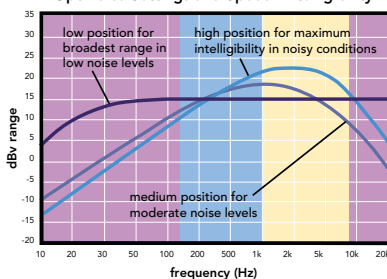
FrontRow To Go is manufactured to conform to the most stringent new European guidelines for consumer products (RoHS) – it is produced using a lead-free process and is free of other materials harmful to the environment.

OptiVoice



OptiVoice is a simple 3-position knob that controls a sophisticated 12-band equalizer, pre-programmed to optimize speech clarity by emphasizing speech frequencies most critical to comprehension.

OptiVoice Settings and Speech Intelligibility



- Lower frequencies provide warmth and personality but can mask the higher frequencies critical to intelligibility
- Critical speech intelligibility range (primarily consonants)
- Contains little useful speech information

DuO speaker technology



FrontRow To Go uses a precision-mounted, two-speaker line array — DuO™ technology. Sound waves from the two speakers reinforce at the center and spread throughout the listening zone — making it the only “all-in-one” system on the market capable of fully covering an entire classroom.



- FrontRow To Go dispersion pattern
- Typical single-speaker dispersion pattern

charging stand



specifications

Power supply:	DC 12V/0.5A
Indicator light:	LED green = battery ready LED red = charging LED flashing red = charging error
Recharging time:	NiMH (1300mA), 6 hours
Dimensions (WxHxD):	230x47x135mm/9x1.9x5.3in
Weight:	360g/12.7oz

body-worn wireless transmitter for headset microphone



specifications

Carrier frequency range (202-20-100-00)	173.350-174.100MHz a total of 16
Modulation:	FM (F3E)
Operating range:	>34m/110ft
Total harmonic distortion:	<0.5%
Frequency response:	50KHz to 17.5KHz
Dynamic range:	100dB
Dimensions (wxhxd):	65x90x25mm/2.5x3.5x1in
Weight:	51g/1.8oz
Controls:	On/mute/off/channel selector
Input/output:	2.5mm microphone input jack
Battery type:	Two NiMH rechargeable or two alkaline disposable 2AA 1.5V
Battery life:	NiMH rechargeable typically 12 hours Disposable alkaline typically 15 hours
Recharging time:	6 hours

handheld wireless microphone



specifications

Carrier frequency range (202-20-100-00)	173.350-174.100MHz a total of 16
Operating range:	>34m/110ft
Total harmonic distortion:	<0.5%
Microphone:	Dynamic microphone
Dynamic range:	100dB
Dimension (dia x h):	54x237mm/2.1x9.3in
Weight:	230g/8.1oz
Controls:	On/mute/off/channel selector
Battery type:	Two NiMH rechargeable or two alkaline disposable 2AA 1.5V
Battery life:	NiMH rechargeable typically 12 hours Disposable alkaline typically 15 hours
Recharging time:	6 hours (NiMH batteries)

channel/frequencies

Channel#	Channel A	Channel#	Channel B
13	173.350 MHz	30	173.750 MHz
15	173.400 MHz	32	173.800 MHz
17	173.450 MHz	34	173.850 MHz
21	173.500 MHz	35	173.900 MHz
24	173.550 MHz	36	173.950 MHz
25	173.600 MHz	37	174.000 MHz
27	173.650 MHz	38	174.050 MHz
29	173.700 MHz	40	174.100 MHz

system package



Including:
 Portable speaker unit
 Body-worn Transmitter
 Behind the Neck Boom Mic
 Handheld Pass Microphone
 Charging Stand
 Carrying Case
 Antenna
 Wall Mounting Bracket Kit
 Table Stand
 4 NiMH rechargeable Batteries
 2 Channel Locks
 Country Kit

microphone option



Behind the Neck
 Boom Microphone
 PE655

system accessories



Antenna
 PE 831



Table Stand
 PE 920TS



Tripod Floor Stand
 PE 920S



SMARTCHARGE
 NiMH rechargeable
 Battery, single AA,
 2500 mAh
 2 Batteries needed
 BG 126NH



PE AUDIOKIT



Carrying Case
 PE 920C

Phonic Ear®

Technology for the sake of teaching

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