

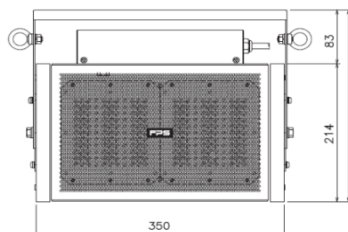
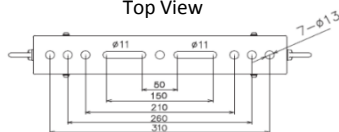
NEW PRODUCT

FP-200H SERIES

FP-200HW (Both Side Directivity Type)



Top View



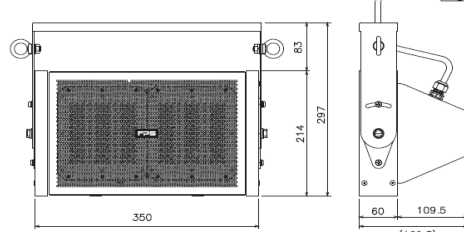
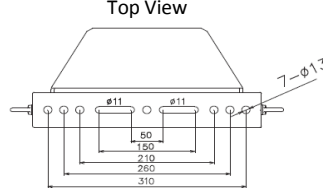
Front View

Side View

FP-200HB (One Side Directivity Type)



Top View



Front View

Side View

FEATURES:

- **Front & Back, Both Side Directivity**
(Front: Positive Phase Back: Inverse Phase)
 - 2 normal speakers can be replaced by 1 HW speaker
- **Strong Directivity**
 - Clear announcement will be given to specific place.
 - Reduce acoustic echo.
 - Reduce sound leakage to other platforms
 - Reduce sound leakage outside station
- **Clarity sound to far place**
 - Focus on midrange that certain announcement voice will be led.
 - Equal sound pressure will be led to platform.
 - Required distance between two speakers at platform is 30m(*1) which is 1.5 times longer comparing with current speaker.
- **All-Weather Application**
 - Vibrating membrane film is used for vibration plate.
 - Double glazed paint
 - Stainless steel is adopted for fixing materials
- **Small Design**
 - Reduce visual barrier for announcement board etc.
- **Fixing Bracket**
 - General type fixing bracket is equipped

(※1) Recommended setting distance is subject to outer environment and architecture of platforms .

General Specification

| Model Name | FP-200HW | FP-200HB |
|---|--|--|
| Type | Full Range MCMA Flat Transducer | |
| Unit | Connected Two Units (FPS1010M3R2) | |
| Impedance | 500 Ω (20W) / 1k Ω (10W) / 1.33k Ω (7.5W) / 2k Ω (5W) | |
| Frequency Band | 330Hz ~ 13kHz | 320Hz ~ 13kHz |
| Output Sound Pressure Level (SPL) | 91dB at 1w/1m | |
| Rated Input Power | 20W / 10W / 7.5W / 5W | |
| Directivity Characteristic (2kHz -6dB Transversely Set) | Both Sides (Vertical 160 degrees, Horizontal 60 degrees) | One Side (Vertical 160 degrees, Horizontal 60 degrees) |
| Speaker Cable | Φ9mm 6 Pins Cable (White COM/Black 20W/Brown 10W/Red 7.5W/Yellow5W/Green NC) Length 1.5m | |
| Cabinet Mounting Bracket | Frame: ALP/SECC Under Paint: Powder Coat Paint Surface Paint: Acrylic Bracket: SUS2.0 | Frame: ALP/SECC Cabinet: PCABS Resin Under Paint: Powder Coat Paint Surface Paint: Acrylic Bracket: SUS2.0 |
| Water Resistance Level | IPX5 | |
| Outer Dimension (mm) Including Bracket | W: 350 H: 297 D: 60 | W: 350 H: 297 D: 169.5 |
| Weight(kg) | 4.3 | 4.5 |
| Color | Black (N-1 Semi-Gloss) | |

Remarks: H: High Impedance(100 Series) W: Both Side Directivity B: One Side Directivity

- Speaker input will be 1/2 of 100 series and output sound pressure level will be decreased 3db under High Impedance(70 series)
- Specifications are subject to change

FPS
Flat Panel Speakers

URL: <http://www.fpsinc.co.jp/>

STATION SPEAKER



Middle Size Flat Type

FB-6001 Series



Small Size Flat Type

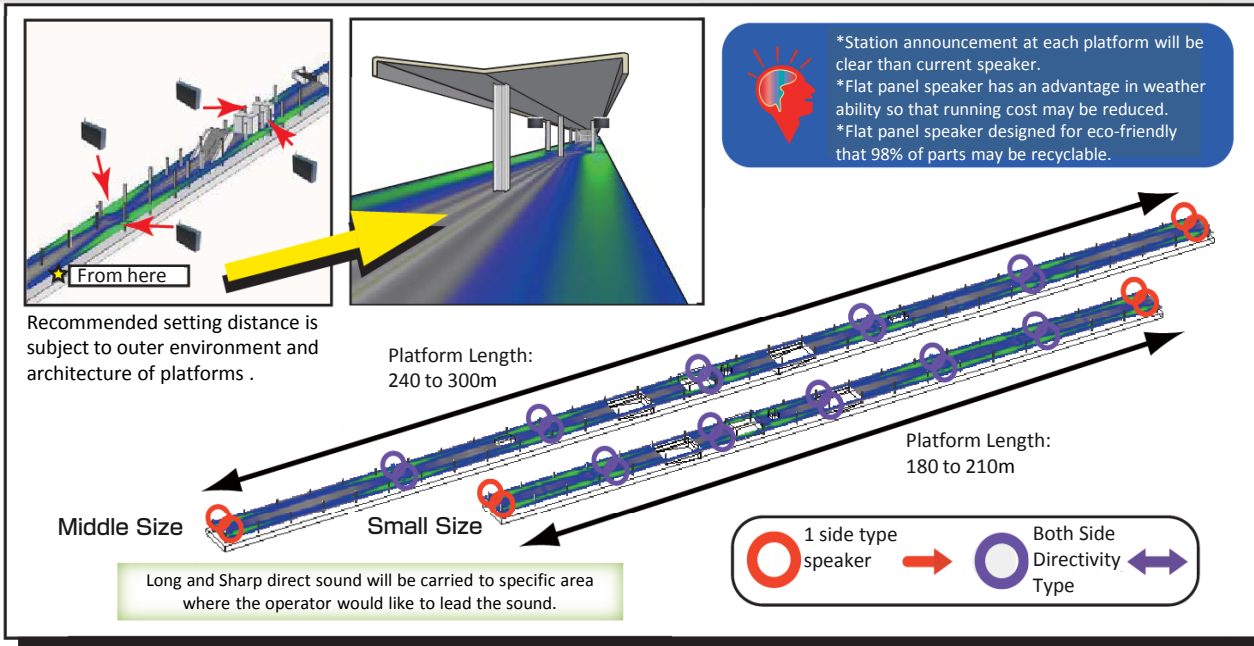
FP-200H Series



| Series | Sound Reflecting Direction | Impedance | Output Sound Pressure Level | Frequency Range | Dimension (mm) W:H:D | Weight | Color |
|------------|----------------------------|------------------------|-----------------------------|-----------------|----------------------|--------|-----------------------|
| | | Rated Input | | | | | |
| FB-6001-HB | One Side | 170Ω(60W) | 89dB/W/m | 250Hz-10kHz | 500 x 330 x 90 | 12.5kg | Black(N-1 semi-gloss) |
| FB-6001-HW | Both Side | 330Ω(30W) 670Ω(15W) | | | | | |
| FP-200HB | One Side | 500Ω(20W) 1kΩ (10W) | 91dB/W/m | 320Hz-13kHz | 350×297×169.5 | 4.5Kg | Black(N-1 semi-gloss) |
| FP-200HW | Both Side | 1.3kΩ(7.5W) 2kΩ (5W) | | 330Hz-13kHz | 350×297×60 | 4.3kg | |

Remarks: H: High Impedance(100 Series), W: Both Side Directivity, B: One Side Directivity
 Inputs voltage to each speaker input terminal will be 170Ω(30w), 330Ω(15w), 670Ω(7.5w), 500Ω(10w), 1kΩ(5w), 1.3kΩ(3.8w), 2kΩ(2.5w) and output sound pressure level will be decreased 3db under High Impedance(70 series).

Platform Application



Recommended setting distance between two speakers:
 Middle Size: 30m to 50m Small Size: 20m to 30m

*Recommended setting distance is subject to outer environment and architecture of platforms.