

Pilihan Paket Tata Suara Terbaik Rekomendasi untuk Musholla dan Masjid



Ibadah tidak pernah lepas dari kita sebagai umat manusia. Ketika kita berdoa kepada-Nya, ketulusan hati adalah yang hal yang paling utama yang kita berikan. Kami berupaya mendukung Anda, agar ketika beribadah terasa semakin bermakna tanpa adanya kendala tata suara.





Rekomendasi paket tata suara untuk Mushola ± 7m x 7m

- 2 Unit Universal Speaker ZS-1030B/W
- 1 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 2 Unit Horn Speaker ZH-5025BM
- 1 Unit Condenser Microphone ZM-300-AS
- 1 Unit Tie Clip Microphone ZM-361-AS



Rekomendasi paket tata suara untuk Masjid ± 15m x 15m

- 4 Unit Universal Speaker ZS-1030B/W **atau** 4 Unit Wide Dispersion Speaker ZS-F2000BM/WM
- 1 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 1 Unit Mixer Power Amplifier ZA-3224D-AS 1
- 4 Unit Horn Speaker 50W with transformer ZH-5050M-AS
- 1 Unit Unidirectional Microphone ZM-420
- 1 Unit Gooseneck Microphone ZM-380-AS
- 1 Unit Headset Microphone ZM-370HS-AS **atau** 1 Unit Tie Clip Microphone ZM-361-AS
- 1 Set Wireless Tuner ZW-T502H-AS

Horn Speaker



50W



25W

Model	ZH-5050M-AS (Dengan Transformer)
Rated Input	50W
Rated Impedance	100V line: 200Ω (50W), High Impedance
Dust/ Water Protection	IP65
Weight	5kg

Model	ZH-5025BM (Dengan Transformer)
Rated Input	25W
Rated Impedance	100V line: 25W, 15W, 10W, 5W
Sound Pressure Level	108dB (1W/1m)
Weight	4.2kg

Mixer Power Amplifier

(a)



(b)



Model	ZA-3212D-AS 1 (a)	ZA-3224D-AS 1 (b)
Power Source	100 - 240V AC, 50/60Hz	100 - 240V AC, 50/60Hz or 24V DC
Input	MIC 1: 1mV (-60dB*), 600Ω, Balanced, Phone Jack, selectable to RJ45 with echo function MIC 2 - 3: 1mV (-60dB*), 600Ω, Balanced, phone jack MIC 4: 1mV (-60dB*), 600Ω, Balanced, phone jack, selectable to AUX 1 AUX 1: 100mV(-20dB*), 10kΩ, Unbalanced, RCA pin jack, selectable to MIC 4 AUX 2: 100mV(-20dB*), 10kΩ, Unbalanced, RCA pin jack	
Output	Speaker output in screw type terminal	
Speaker Out		
Direct line (selectable)	83Ω(100V) or 4Ω	42Ω(100V) or 4Ω
Rec. Out	0dB*, 600Ω, Unbalanced, RCA pin jack	
Weight	4.6kg	5.1kg

(*1) 0dB = 1V



Rekomendasi paket tata suara untuk Mushola ± 10m x 10m

- 2 Unit Universal Speaker ZS-1030B/W
- 2 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 4 Unit Horn Speaker ZH-5025BM
- 1 Unit Condenser Microphone ZM-300-AS
- 1 Unit Tie Clip Microphone ZM-361-AS



Rekomendasi paket tata suara untuk Masjid ± 20m x 20m

- 4 Unit Wide Dispersion Speaker ZS-F2000BM/WM **atau** 4 Unit Line Array Speaker ZS-S60CB/CW
- 1 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 1 Unit Mixer Power Amplifier ZA-3224D-AS 1
- 4 Unit Horn Speaker 50W with transformer ZH-5050M-AS
- 1 Unit Unidirectional Microphone ZM-520
- 1 Unit Gooseneck Microphone ZM-380-AS
- 1 Unit Headset Microphone ZM-370HS-AS **atau** 1 Unit Tie Clip Microphone ZM-361-AS
- 1 Set Wireless Tuner ZW-T502H-AS

Universal Speaker



Model	ZS-1030B/W
Rated Input	30W
Rated Impedance	8Ω 100V line: 330Ω(30W), 500Ω(20W), 670Ω(15W), 1kΩ(10W), 2kΩ(5W) 70V line: 170Ω(30W), 250Ω(20W), 330Ω(15W), 500Ω(10W), 1kΩ(5W)
Sound Pressure Level	90dB (1W/1m)
Weight	2.5kg

Wide Dispersion Spaker



Model	ZS-F2000BM/WM
Rated Input	60W
Rated Impedance (100V Line)	100V Line: 170Ω(60W), 330Ω(30W), 670Ω(15W), 3.3kΩ(3W)
Sound Pressure Level	92dB (1W/1m)
Frequency Response	65 - 20.000Hz, -10dB installation in 1/2 free sound field
Speaker Component	Low: 20cm cone, High: 2.5cm dome tweeter
Weight	7.4kg (including the supplied brackets)

Slim Array Speaker



Model	ZS-S60CB/CW
Type	Bass reflex type
Max.Input Power	120W
Rated Input	60W
Rated Impedance	100V line: 167 Ω (60W), 330 Ω (30W), 500 Ω (20W), 1k Ω (10W); low impedance: 8 Ω
Sound Pressure Level	95dB (1W/1m)
Frequency Response	180Hz-15kHz
Speaker Components	8cm (3") cone-type x 9
Weight	8.2kg

Unidirectional Microphone



Model	ZM-420 (a)	ZM-520 (b)
Type	Dynamic Microphone	
Rated Impedance	600 Ω	
Weight	280g (without cable)	232g (without cable)
Connection Cable	ϕ 6mm x 7.5m, 1- core shielded cable (unbalanced), 3P XLR type connector to phone plug.	

Condenser Microphone



Model	ZM-300-AS
Power Source	AA (R6S or UM-3U) battery x 1pc (1.5VDC)
Frequency Response	50Hz -18kHz
Cable Microphone	ϕ 6.0mm x 7500mm, 1 - core shielded cable
Connector	XLR Type female with 1/4" (6.3mm) phone plug
Weight	254g (Microphone Only)



Model	ZM-370HS-AS
Type	Electret Condenser Microphone
Cable Length	10m
Connector	1/4" unbalanced phone Jack
Dimensions	89.5(W) x 38(H) x 19(D) in mm
Weight	142g (without battery)
Battery	1pc x AA (R6S or UM-3U)

Tie Clip Microphone



Model	ZM-361-AS
Power Source	Electret Condenser Microphone
Frequency Response	2kΩ, unbalanced
Cable Microphone	153g (without battery)
Connector	1Pc x 1.5V "AA" Size Batery (R6S or UM-3U)

Gooseneck Microphone



Model	ZM-380-AS
Element	Condenser Microphone
Power	3V DC (2 x "AA Batteries) or phantom power (9-52V)
Output Connector	XLR-3-32 Equivalent
Weight	550g (excludes batteries)

Wireless Tuner



Model	ZW-T502H-AS
Power Source	AC Adapter : 100 - 240V AC, 50/60Hz
Power Consumption	200mA (13.5V DC, when operating with two tuner modules)
Receiving Frequency	488MHz - 506MHz
Weight	380g (0.84lb) (without microphone)
Accessory	AC adapter...1, Mic Holder....2, Microphone Handheld...2, Phone Jack Cable...1

Cara Pemasangan Speaker ke Amplifier

Untuk speaker yang dilengkapi dengan matching trafo atau speaker high impedance :

Contoh tipe High Impedance Speaker:

ZH-5052BM	ZS-102C	ZS-154
ZA-5050M-AS	ZS-202C	ZS-254
ZH-610SM	ZS-1030B/W	ZS-F2000BM/WM
ZH-615SM	ZS-062	ZS-S60CB/CW
ZH-615RM	ZS-64	



impedance selector dipindahkan ke High 100V

kabel 100V ke merah
kabel com ke hitam



contoh tipe : ZS-F2000BM



Untuk speaker tanpa trafo atau speaker low impedance :

Contoh tipe Low Impedance Speaker:

- ZH-5052B
- ZH-5050-AS
- ZH-662D-AS
- ZH-615S
- ZH-615R
- ZH-625S



impedance selector dipindahkan ke low 4Ω



contoh tipe : ZH-5025B

Cara menggunakan amplifier yang baik dan benar



- 1** Pastikan jumlah keluaran watt dari keseluruhan speaker yang akan dipasang tidak melebihi kapasitas dari keluaran watt amplifier.
- 2** Pastikan kabel untuk COM (-) dihubungkan ke terminal COM (-) dan kabel (+) dihubungkan pada terminal hot.
- 3** Pilih jenis impedansi pada bagian impedance selector (low impedance / high impedance)*.
- 4** Gunakan kabel dengan ukuran minimal 2x1.5mm.
- 5** Apabila terjadi kerusakan, bawalah amplifier tersebut ke pusat pelayanan servis resmi terdekat di kota Anda.

* Untuk ZA-3200D-AS 1 series

