



## 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 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 Column Speaker ZS-107-AS / ZS-207-AS
- 1 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 2 Unit Horn Speaker ZH-5025BM
- 1 Unit Condenser Microphone ZM-300-AS
- 1 Unit Microphone ZM-361-AS / 1 Unit Microphone ZM-362-AS



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

- 4 Unit Speaker System ZS-BM800-AS
- 2 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 Microphone ZM-371HS-AS / 1 Unit Microphone ZM-362-AS
- 1 Set Wireless Microphone Z-WS300H-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 = 1 V



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

- 2 Unit Speaker System ZS-BM800-AS
- 2 Unit Mixer Power Amplifier ZA-3212D-AS 1
- 4 Unit Horn Speaker ZH-5025BM
- 1 Unit Condenser Microphone ZM-300-AS
- 1 Unit Microphone ZM-361-AS / 1 Unit Microphone ZM-362-AS



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

- 4 Unit Speaker System ZS-BM800-AS / 4 Unit Slim Line Array Speaker ZS-S60CB/CW
- 2 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 Microphone ZM-371HS-AS / 1 Unit Microphone ZM-362-AS
- 1 Set Wireless Microphone Z-WS300H-AS

## Column Speaker



Model	ZS-107-AS	ZS-207-AS
Rated Input	10W (Max.15W)	20W (Max.30W)
Rated impedance	100V Line: Hot 1kΩ - black, com - white	100V Line: Hot 500Ω - black, com - white
Sound Pressure Level	93dB (1W,1m)	96dB (1W,1m)
Frequency Response	80Hz-20kHz	85Hz-20kHz
Speaker Component	10cm Cone type x 2	10cm Cone type x 4
Connection	Speaker Cord	
Weight	2.2kg	3.8kg

## Speaker System



Model	ZS-BM800-AS
Rated Input	60W
Rated Impedance (100V Line)	100V Line: 170Ω(60W), 330Ω(30W), 670Ω(15W), 3.3kΩ(3W)
Sensitivity	91dB (1W/1m)
Frequency Response	70 - 20.000Hz, -10dB installation in 1/2 free sound field
Speaker Component	Low: 20cm cone, PP cone type ; High Frequency : 25mm dome tweeter
Weight	5.2kg

\* Bolt and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.

## Slim Array Speaker



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

## Unidirectional Microphone



<b>Model</b>	<b>ZM-420 (a)</b>	<b>ZM-520 (b)</b>
Type	Dynamic Microphone	
Rated Impedance	600Ω	
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



<b>Model</b>	<b>ZM-300-AS</b>
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)

## Headset Microphone



<b>Model</b>	<b>ZM-371HS-AS</b>
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	154g (without battery)
Battery	1pc x AA (R6S, UM-3U)

## Tie Clip Microphone



<b>Model</b>	<b>ZM-361-AS</b>
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



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

## Neck Worn Microphone



<b>Model</b>	<b>ZM-362-AS</b>
Element	Electret Condenser Microphone
Power	3V DC (2 x "AA Bateries) or phantom power (9-52V)
Frequency Response	60Hz - 20kHz
Weight	190g (excludes batteries)

## Wireless Microphone



<b>Model</b>	<b>Z-WS300H-AS</b>
Power Source	AC Adapter : 100 - 240V AC, 50/60Hz ; DC: 12-15V
Power Consumption	600mA (13.5V DC, when operating with two tuner modules)
Audio Input	Mixed Audio : 0dB*, 8kΩ, unbalanced, phone jack Balance A: 0dB*, 10kΩ, balanced, XLR-3-32 type connector Balance B: 0dB*, 10kΩ, balanced, XLR-3-32 type connector
Frequency Response	45Hz - 15kHz
Weight	380g (0.84lb) (without microphone)
Accessories	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-107-AS	ZS-254
ZA-5050M-AS	ZS-207-AS	ZS-BM800-AS
ZH-610SM	ZS-062	ZS-S60CB/CW
ZH-615SM	ZS-64	ZH-662D-AS
ZH-615RM	ZS-154	

HELPFUL

TIPS



impedance selector dipindahkan ke High 100V

kabel 100V ke merah  
kabel com ke hitam



contoh tipe : ZS-BM800-AS



Untuk speaker tanpa trafo atau speaker low impedance :



impedance selector dipindahkan ke low 4Ω



contoh tipe : ZH-5025B

Contoh tipe Low Impedance Speaker:

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

## 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 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



Scan for more info



Spesifikasi dapat berubah sewaktu-waktu tanpa pemberitahuan untuk pengembangan.