

MPA Series Microphones

1/2"



MODEL	MPA201	MPA231	MPA215	MPA241
Diameter	1/2"	1/2"	1/2"	1/2"
Standards (IEC61672)	Class 1	Class 1	Class 2	Class 1
Optimized	Free Field	Free Field	Free Field	Free Field , the overall specifications can be as diffused-feld
Preamplifier	MA231(TEDS opt.)	MA231(TEDS opt.)	MA231(TEDS opt.)	MA241
Frequency Response (Hz)	20 ~ 20k	20 ~ 20k	20 ~ 12.5k	20 ~ 20k
Open-circuit Sensitivity (mV/Pa) (± 2 dB)	45	40	40	40
Output Impedance (Ω)	< 30	< 30	< 30	< 30
Dynamic Range (dBA)	17 ~ 134	17 ~ 135	17 ~ 136	17 ~ 135
Inherent Noise (dBA)	17	18	23	18
Operating Temperature ($^{\circ}$ C)	-30 ~ 80	-30 ~ 80	-20 ~ 80	-30 ~ 80
Operating Humidity (RH)	0 ~ 95%	0 ~ 95%	0 ~ 95%	0 ~ 95%
Temperature Coefficient (dB/ $^{\circ}$ C)	-0.012	-0.012	< \pm 0.3 dB (0 ~ 40 $^{\circ}$ C) with 250Hz, at reference temperature 23 $^{\circ}$ C	-0.012
Humidity Influence	< 0.1	< 0.1	< 0.2	< 0.1
Pressure Coefficient (250 Hz) (dB/kPa)	-0.004	-0.004	-0.03	-0.004
Length (mm)	91	91	91	21.5 x 21.5 x 41.0
Input Connector	BNC	BNC	BNC	SMB
Corresponding Model with TEDS	MPA261	MPA271	MPA265	—