

Comparison of Specifications				
Specifications		COMCON Technologies limited	Alfa Acoustics	Aimil Limited
Diameter	1/4"	1/4"	1/4"	1/4"
Type	Free Field, array microphones (GRAS)	Free Field, array microphones (GRAS)	Free Field, array microphones (GRAS)	Free Field, array microphones (GRAS)
Sensitivity at 250 Hz	Should be less than 10 mV/Pa	9 mV/Pa	9 mV/Pa	9 mV/Pa
Output impedance	Should be less than 50 $\Omega$	Less than 50 $\Omega$	Less than 50 $\Omega$	Less than 50 $\Omega$
Power Supply	2 m A to 20 m A	2 m A to 20 m A	2 m A to 20 m A	2 m A to 20 m A
Connection Type	SMB Only	SMB Only	SMB Only	SMB Only
Temperature Range	0 °C to 50 °C	0 °C to 50 °C	0 °C to 50 °C	0 °C to 50 °C
Upper Limit of Dynamic Range	150 dB re. 20 $\mu$ Pa	150 dB re. 20 $\mu$ Pa	150 dB re. 20 $\mu$ Pa	150 dB re. 20 $\mu$ Pa
Lower Limit of Dynamic Range	32 dBA re. 20 $\mu$ Pa	32 dBA re. 20 $\mu$ Pa	32 dBA re. 20 $\mu$ Pa	32 dBA re. 20 $\mu$ Pa
Preamplifier	CCP Type with TEDS	CCP Type with TEDS	CCP Type with TEDS	CCP Type with TEDS
Warranty	atleast 1 Year		1 Year	1 Year
Cable	atleast 3 m, SMB to BNC Only		3 m, SMB to BNC	3 m, SMB to BNC Only
Microphone Fitting	Should fit in microphone adapter for impedance tube	Yes	Yes	Yes
Frequency Range ( $\pm 2$ dB)	10 Hz to 20 kHz	10 Hz to 20 kHz	10 Hz to 20 kHz	10 Hz to 20 kHz
Frequency range ( $\pm 1.5$ dB)	50 Hz to 5 kHz	50 Hz to 5 kHz	50 Hz to 5 kHz	50 Hz to 5 kHz
Microphone venting	Front Only	Front Only	Front Only	Front Only
Influence of axial vibration @1 m/s <sup>2</sup>	55 dB	55 dB	55 dB	55 dB
Length of Mic	around 60 mm	59.10mm	59.10mm	59.10mm
CE/RoHS compliant/W	Yes	Yes	Yes	Yes
Philips Speaker (qty. 01)	4", 15 W		4" 15 W Phillips	
Amplifier (qty. 01)	70 W – 100 W		70 W Ahuja	

[illegible]