## **PA Speakers**



## L18-SW650®

High power 18" extended low frequency speaker 650 WATTS

- Extremely great linear excursion, ideal for powerful bass and subwoofer applications.
- Aluminium die-cast frame and robust construction.
- Tear resistant tetron-cotton blend rolled cloth edge.
- Cotton polyester blend spider.
- GLASS FIBRE former voice coil for withstanding high temperature.
- 10.16 cm (4<sup>"</sup>) Edge-wound aluminium wire voice coil for higher SPL.
- Ideal professional bass speaker for all PA, sound reinforcement and live music application.



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MAGNET WEIGHT3.56kgRESONANT FREQUENCY(Fs)32HzDC RESISTANCE(Re)5.1ΩELECTROMAGNETIC Q(Qes)0.26MECHANICAL Q(Qms)5.29			
NOMINAL DIAMETER     457mm (18")       NOMINAL IMPEDANCE     8Ω       SENSITIVITY (1W/1m)     98dB       MAGNET WEIGHT     3.56kg       RESONANT FREQUENCY     (Fs)       Q RESISTANCE     (Re)       LECTROMAGNETIC Q     (Qes)       0.26     245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)       VOICE COL     4.0"       OVERHANG     (Xmax)       SURFACE AREA OF CONE     (Sd)       UCIE COL     4.0"       OVERHANG     (Xmax)       SURFACE AREA OF CONE     (Sd)       OVERALE DIAMETER     (Le)       JPRODU			
NOMINAL IMPEDANCE     8Ω       SENSITIVITY (1W/1m)     98dB       MAGNET WEIGHT     3.56kg       RESONANT FREQUENCY     (Fs)     32Hz       DC RESISTANCE     (Re)     5.1Ω       ELECTROMAGNETICQ     Qes)     0.26       MECHANICAL Q     (Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)     1225cm <sup>2</sup> REFERENCE EFFICIENCY     (no)     3.12%       VOICE COIL     4.0"     0VERHANG       MOVING MASS     (Mms)     218gm       BL PRODUCT     (BL)     29.64TM       COIL INDUCTANCE     (Le)     1.9mH       OVERALL DIAMETER     476 mm       DEPTH     205 mm       BAFFLE HOLE DIAMETER     424 mm       BOLT MOUNT DIAMETER     424 mm	POWER RATING		650W RMS/1300W Programme
SNSITIVITY (1W/1m)   98dB     MAGNET WEIGHT   3.56kg     RESONANT FREQUENCY   (Fs)   3.2Hz     D C RESISTANCE   (Re)   5.1 Ω     ELECTROMAGNETIC Q   (Qes)   0.26     MECHANICAL Q   (Qms)   5.29     TOTAL Q   (Qts)   0.245     COMPLIANCE EQUIVALENT VOLUME (VAS)   246 Litr     SURFACE AREA OF CONE   (Sd)   1225cm²     REFERENCE EFFICIENCY   (ng)   3.12%     VOICE COIL   4.0"   4.0"     OVERHANG   (Xmax)   5.0 mm     MOVING MASS   (Mms)   18gm     BL PRODUCT   (BL)   2.64TM     COIL INDUCTANCE   1.9mH   476 mm     DEPTH   205 mm   424 mm     BAFFLE HOLE DIAMETER   424 mm   804 mm	NOMINAL DIAMETER		457mm (18")
MAGNET WEIGHT     3.56kg       RESONANT FREQUENCY     (Fs)     32Hz       DC RESISTANCE     (Re)     5.1 Ω       ELECTROMAGNETIC Q     (Qes)     0.26       MECHANICAL Q     (Qms)     5.29       TOTAL Q     (Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)     1225cm²       REFERENCE EFFICIENCY     (ng)     3.12%       VOICE COIL     4.0"	NOMINAL IMPEDANCE		80
RESONANT FREQUENCY     (Fs)     32Hz       DC RESISTANCE     (Re)     5.1 Ω       ELECTROMAGNETIC Q     (Qes)     0.26       MECHANICAL Q     (Qms)     5.29       TOTAL Q     (Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (5d)     1225cm²       REFERENCE EFFICIENCY     (no)     3.12%       VOICE COIL     4.0"     0       OVERHANG     (Xmax)     5.0 mm       MOVING MASS     (Mms)     218gm       BL PRODUCT     (Le)     1.9mH       OVERALL DIAMETER     476 mm       DEPTH     205 mm       BAFFLE HOLE DIAMETER     424 mm       BOLT MOUNT DIAMETER     (PCD)     450 mm (8 Bolts)	SENSITIVITY (1W/1m)		98dB
DC RESISTANCE     (Re)     5.1 Ω       ELECTROMAGNETIC Q     (Qes)     0.26       MECHANICAL Q     (Qms)     5.29       TOTAL Q     (Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)     1225cm²       REFERENCE EFFICIENCY     (ηo)     3.12%       VOICE COIL     4.0"     4.0"       OVERHANG     (Xmax)     5.0 mm       MOVING MASS     (Mms)     218gm       BL PRODUCT     (BL)     29.64TM       COIL INDUCTANCE     (Le)     1.9mH       OVERALL DIAMETER     476 mm       DEPTH     205 mm       BAFFLE HOLE DIAMETER     424 mm       BOLT MOUNT DIAMETER     (PCD)     450 mm (8 Bolts)	MAGNET WEIGHT		3.56kg
LECTROMAGNETIC Q     Qes)     0.26       MECHANICAL Q     Qms)     5.29       TOTAL Q     Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)     1225cm²       REFERENCE EFFICIENCY     (no)     3.12%       VOICE COIL     4.0"     4.0"       OVERHANG     (Xmax)     5.0 mm       MOVING MASS     (Mms)     218gm       BL PRODUCT     (BL)     29.64TM       COLI INDUCTANCE     (Le)     1.9mH       OVERALL DIAMETER     476 mm       DEPTH     205 mm       BAFFLE HOLE DIAMETER     424 mm       BOLT MOUNT DIAMETER     (PCD)     450 mm (8 Bolts)	RESONANT FREQUENCY	(Fs)	32Hz
MECHANICAL Q     Qms)     5.29       TOTAL Q     Qts)     0.245       COMPLIANCE EQUIVALENT VOLUME (VAS)     246 Litr       SURFACE AREA OF CONE     (Sd)     1225cm²       REFERENCE EFFICIENCY     (no)     3.12%       VOICE COIL     4.0"     0VERHANG       OVERHANG     (Xmax)     5.0 mm       MOVING MASS     (Mms)     218gm       BL PRODUCT     (BL)     29.64TM       COIL INDUCTANCE     (Le)     1.9mH       OVERALL DIAMETER     476 mm       DEPTH     205 mm       BAFFLE HOLE DIAMETER     424 mm       BOLT MOUNT DIAMETER     (PCD)     450 mm (8 Bolts)	DC RESISTANCE	(Re)	5.1Ω
TOTAL QQts)0.245COMPLIANCE EQUIVALENT VOLUME (VAS)246 LitrSURFACE AREA OF CONE(Sd)1225 cm²REFERENCE EFFICIENCY(ηo)3.12%VOICE COIL4.0"OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	ELECTROMAGNETIC Q	(Qes)	0.26
COMPLIANCE EQUIVALENT VOLUME (VAS)246 LitrSURFACE AREA OF CONE(Sd)1225cm²REFERENCE EFFICIENCY(ŋo)3.12%VOICE COIL4.0"OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	MECHANICAL Q	(Qms)	5.29
SURFACE AREA OF CONE(Sd)1225cm²REFERENCE EFFICIENCY(ηo)3.12%VOICE COIL4.0"OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	TOTAL Q	(Qts)	0.245
REFERENCE EFFICIENCY(ηo)3.12%VOICE COIL4.0"OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	COMPLIANCE EQUIVALENT V	OLUME (VAS)	246 Litr
VOICE COIL4.0"OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	SURFACE AREA OF CONE	(Sd)	1225cm <sup>2</sup>
OVERHANG(Xmax)5.0 mmMOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	REFERENCE EFFICIENCY	(ղ <b>o</b> )	3.12%
MOVING MASS(Mms)218gmBL PRODUCT(BL)29.64TMCOIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	VOICE COIL		4.0″
BL PRODUCT (BL) 29.64TM   COIL INDUCTANCE (Le) 1.9mH   OVERALL DIAMETER 476 mm   DEPTH 205 mm   BAFFLE HOLE DIAMETER 424 mm   BOLT MOUNT DIAMETER (PCD) 450 mm (8 Bolts)	OVERHANG	(Xmax)	5.0 mm
COIL INDUCTANCE(Le)1.9mHOVERALL DIAMETER476 mmDEPTH205 mmBAFFLE HOLE DIAMETER424 mmBOLT MOUNT DIAMETER(PCD)450 mm (8 Bolts)	MOVING MASS	(Mms)	218gm
OVERALL DIAMETER 476 mm   DEPTH 205 mm   BAFFLE HOLE DIAMETER 424 mm   BOLT MOUNT DIAMETER (PCD) 450 mm (8 Bolts)	BL PRODUCT	(BL)	29.64TM
DEPTH 205 mm   BAFFLE HOLE DIAMETER 424 mm   BOLT MOUNT DIAMETER (PCD) 450 mm (8 Bolts)	COIL INDUCTANCE	(Le)	1.9mH
BAFFLE HOLE DIAMETER 424 mm   BOLT MOUNT DIAMETER (PCD)   450 mm (8 Bolts)	OVERALL DIAMETER		476 mm
BOLT MOUNT DIAMETER (PCD) 450 mm (8 Bolts)	DEPTH		205 mm
	BAFFLE HOLE DIAMETER		424 mm
WEIGHT 13.30kg	BOLT MOUNT DIAMETER	(PCD)	450 mm (8 Bolts)
	WEIGHT		13.30kg