

**PART 1 SPECIFICATIONS**

Technical parameters	Technical parameters:	Technical parameters:	Technical parameters:
Item No.	<b>TY-15</b>	<b>TY-12</b>	<b>TY-10</b>
System Type	2-WAY full range, pasive	2-WAY full range,passive	2-WAY full range
Frequency Response (±3 dB)	45Hz-18k Hz	55Hz-18k Hz	50Hz-18k Hz
Nominal Impedance	8 Ω	8 Ω	8 Ω
System sensitivity	100 dB	97 dB	96 dB
Power Rating (Continuous)	600 W	450 W	300 W
Power Rating ( Peak)	2400W	1800W	1200W
Maximum SPL	134 dB	130 dB	127 dB
Coverage Pattern	90° x 50°	75° x 50°	90° x 50°
Crossover Mode	internal crossover	internal crossover	internal crossover
<b>Product Features</b>	<b>Product Features:</b>	<b>Product Features:</b>	<b>Product Features:</b>
HF Driver	3" x1, ferrite magnet Ø170mm / 6.8 in; voice coil Ø 75 mm / 3 in of Flat copper wire	2" x1, ferrite magnet Ø120mm / 4.8 in; voice coil Ø55 mm / 2.2 in of Flat copper wire	1.5" x1, ferrite magnet Ø100mm / 4 in; voice coil Ø 34 mm / 1.36 in of Flat copper wire
MF Driver	—	—	—
LF Driver	15" x1,ferrite magnetØ 220mm / 8.8 in; voice coil Ø100 mm / 4 in made of flat aluminium wire	12" x1,ferrite magnet Ø190mm / 7.6 in; voice coil Ø75 mm / 3 in made of flat aluminium wire	10" x1,ferrite magnet Ø156mm / 6.24 in; voice coil Ø65mm / 2.6 in made of flat aluminium wire
Input Connectors	NL4speakon(x2) NL4socketx2	NL4speakon(x2) NL4socketx2	NL4speakon(x2) NL4socketx2
Output Connectors	NL4speakon(x2) NL4socketx2	NL4speakon(x2) NL4socketx2	NL4speakon(x2) NL4socketx2
Enclosure	18mm birch plywood	18mm birch plywood	15mm plywood
Grille	ferrite	ferrite	ferrite
Finish	Black catalyzed polyurethane paint	Black catalyzed polyurethane paint	Black catalyzed polyurethane paint
Suspension / Mounting	multiple-point suspension /floor stands	multiple-point suspension /floor stands	multiple-point suspension /floor stands
Colour	black	black	black
Product Dimensions(mm,inch)	410W×453D×687H /82 x 18.12 x 57.25 in	368W×4390D×601H /14.72 x 17.56 x 24.04 in	303W×290D×500H /12.12 x 11.6 x 20 in
Package Dimensions(mm,inch)	545W×502D×784H /21.8x 20.08 x 31.36 in	480W×460D×718H /19.2x 18.4 x 28.72 in	374W×360D×577H /14.96x 14.4 x 23.08 in
Net Weight(kgs,lbs)	35 KGS/ 77.21 lbs	23 KGS/ 50.7 lbs	14 KGS/ 33.1 lbs
Gross Weight(kgs,lbs)			
Optional Accessories	aluminium alloy suspension fittings	aluminium alloy suspension fittings	aluminium alloy suspension fittings
Package Rate(pc/carton)			
PCS/20" FCL/40"FCL/40"HQ	135/270/354	182/365/479	373/746/978
<b>Operating the System</b>	<b>Operating the System:</b>	<b>Operating the System:</b>	<b>Operating the System:</b>
Recommened Amplification	720 - 900 Watt @ 8 ohms 1 x amplifier	550 - 650 Watt @ 8 ohms 1 x amplifier	360 - 450 Watt @ 8 ohms 1 x amplifier
Subwoofer Options			
System Controller			
Speaker Cables			