

Technical data: SR-1b

Studio Reference, Open Baffle, True-Ribbon, Ear-Field Monitor

Motor

Hand Calibrated	Triple Measured, Matched Pair
Viscodamp™	“Silent Metal” Viscosity Dampening
Compremag™ Magnet System	Compressed Homogeneous Field
Symmlead™	Ultra-Low Inductance Air-Loop Tracing
Ribbon Cartridge	Toolless, Field Replacement
Type	Corrugated Pure Aluminum
Length	4.0-inches / 100 mm
Width	0.75-inches / 19 mm
Excursion	+/- 3.75 mm
Moving Mass	0.06 gram
Nominal Impedance	0.02Ω
Nominal Impedance with SC2 Cable	0.25Ω
Nominal Impedance with Star-8 Cable	0.25Ω
FreeAir Resonance (new)	40Hz
FreeAir Resonance (after break-in)	20Hz ~ 100 hours
Maximum SPL	111dB

Body

Material	Carbon Fiber
Finish	Epoxy
Grille	Etched
Headspring	Bead Blasted Stainless Steel
Height Adjustment	5-Position Leather Band
Upper Pads (washable)	Lambs Leather Suede, Memory Foam
Input Connectors	High-Current 3.5 mm TRRS Female Connectors
Total Weight	426g

Amplifier Interface Set (optional)

TI-1b/OB Transformer Interface	Toroidal Transformers 16Ω & 32Ω
SC2 Headphone Cable	1.75M / 5'9" (fixed length) Dedicated Headphone Cable
ITI-XLR Interface Cable (for HP Amp)	35cm / 13" 4-pin XLR / 4-pin XLR
OB Balanced Open-Baffle Compensation Barrel	3-pin fm/XLR to 3-pin m/XLR
OB Single-Ended Open-Baffle Compensation Barrel	fm/RCA to m/RCA
Power Requirement (Minimum)	2W@16Ω or 2W@32Ω
Power Requirement (Maximum)	25W@8Ω (6W@32Ω)
High-Power Amps	Tested to 350W Permissible with Careful Volume Adjustment

Cable (options)

STAR-8 Pure Silver Ribbon Headphone Cable Available Lengths for TI-1b:	4-pin XLR to 4-pin XLR 1.83m / 6ft
STAR-8 Pure Copper Ribbon Headphone Cable Available Lengths for TI-1b:	4-pin XLR to 4-pin XLR 1.83m / 6ft
ITI-XLR Input to Transformer Interface (for HP Amp) Available Lengths:	4-pin XLR to 4-pin XLR 1.83m / 6ft and 3m / 10ft
ITI-XLR(S) STAR-8 Pure Silver Available Lengths:	4-pin XLR to 4-pin XLR 35cm / 13" - 1.83m / 6ft - 3m / 10ft
ITI-XLR(C) STAR-8 Pure Copper Available Lengths:	4-pin XLR to 4-pin XLR 35cm / 13" - 1.83m / 6ft - 3m / 10ft
ITI-TRS Input to Transformer Interface (for HP Amp) Available Lengths:	4-pin XLR / TRS 6.3m 1/4" 35cm / 13" - 1.83m / 6ft - 3m / 10ft
ITI-TRS(S) STAR-8 Pure Silver Available Lengths:	4-pin XLR / TRS 6.3m 1/4" 35cm / 13" - 1.83m / 6ft - 3m / 10ft
ITI-TRS(C) STAR-8 Pure Copper Available Lengths:	4-pin XLR / TRS 6.3m 1/4" 35cm / 13" - 1.83m / 6ft - 3m / 10ft
ITI-BAN Input to Transformer Interface (for HP Amp) Available Lengths:	4-pin XLR to BANANA 35cm / 13" - 1.83m / 6ft - 3m / 10ft

Service and Warranty

Limited Warranty	5 years to Original Owner, Non-Transferable (See Warranty)
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