

Profel Oy

Pro Studio

	ProStudio 30	ProStudio 40	ProStudio 55	ProStudio 65	ProStudio 80
treble mm	silk calotte 25	aluminum calotte 19	silk calotte 25	silk calotte 25	silk calotte 25
bass mm	polypropylene cone 95	coated papercone 125	polypropylene cone 145	polypropylene cone 170	polypropylene cone 220
cross over	4500 Hz	4500 Hz	4000 Hz	4500 Hz	4500 Hz
sensitivity	0,7V +/-6 dB	0,7V +/-6 dB	0,7V +/-6 dB	0,7V +/-6 dB	0,7V +/-6 dB
maximum acoustic output short term RMS @ 1m	105 dB SPL	107 dB SPL	108 dB SPL	115 dB SPL	117 dB SPL
maximum acoustic output peak per pair @ 1m	111 dB SPL	113 dB SPL	114 dB SPL	121 dB SPL	123 dB SPL
frequency response	70-22000 Hz +/- 3 dB	60-20000 Hz +/- 3 dB	55-22000 Hz +/- 3 dB	45-20000 Hz +/- 3 dB	40-20000 Hz +/- 3 dB
tone adjustment, treble	+2, 0, -2 dB	+2, 0, -2 dB	+2, 0, -2 dB	+2, 0, -2 dB	+2, 0, -2 dB
tone adjustment, bass	n.a.	+2, 0, -2 dB	+2, 0, -2 dB	+2, 0, -2 dB	+2, 0, -2 dB
Bass field adjustment (low bass)	n.a.	0, -2 dB, -4 dB	0, -2 dB, -4 dB	0, -2 dB, -4 dB	0, -2 dB, -4 dB
amplifier treble	40W	50W	50W	64W	64W
amplifier bass	40W	50W	50W	64W	240W
gain adjustment	+/-6 dB	+/-6 dB	+/-6 dB	+/-6 dB	+/-6 dB
magnetic shielding	yes	yes	yes	yes	no
overload protection	yes	yes	yes	yes	yes
radio frequency shielding	yes	optional	optional	optional	optional
auto stand-by	no	no	no	no	no
stand-by ON latency	n.a.	n.a.	n.a.	n.a.	n.a.
signal input	3,5 mm balanced stereo	1 XLR balanced	1 XLR balanced	1 XLR balanced	1 XLR balanced
signal output	none	none	none	1 XLR balanced	1 XLR balanced
power inlet	230V	230V	230V	230V	230V
power cord	included	included	included	included	included
weight	2,1 kg	4 kg	4,1 kg	7 kg	11,5 kg
cabinet	closed	bass-reflex	bass-reflex	bass-reflex	bass-reflex
dimensions (WxHxD)	110x175x145 mm	150x245x180 mm	170x265x195 mm	190x300x225 mm	250x390x295 mm
black	MDF	MDF	MDF	MDF	MDF
white	MDF	MDF	MDF	MDF	MDF
silver	MDF	MDF	MDF	n.a.	n.a.
birch	massive birch	n.a.	massive birch	n.a.	n.a.
cherry	stained massive birch	n.a.	stained massive birch	n.a.	n.a.
custom colors	on request	on request	on request	on request	on request
accessories					
metal grille (black, white)	optional	optional	optional	n.a.	n.a.
soft grille	n.a.	n.a.	n.a.	optional	n.a.
wall mounting	optional	optional	optional (vogel)	optional (vogel)	optional (vogel)
microphone-stand adapter	optional	n.a.	n.a.	n.a.	n.a.
floor stand	optional, matching color	optional, matching color	optional, matching color	optional, matching color	n.a.
XLR/RCA adapter	not required	optional	optional	optional	optional
warranty	24 months *	24 months *	24 months *	24 months *	24 months *