



Integrated alphasound Bluetooth module
Connection to external Bluetooth devices
(Speakers, headphones)
Comfortable operation via OSD menu
Bluetooth range 10 m



	Model	R-19 DSB
IMAGE	Screen diagonal	47 cm (19")
	Wide-view Display alphasoundView	LED-Display
	Picture format	16:9 Widescreen
	Image resolution	1366 x 768
	Contrast ratio	3000:1
	Brightness	300 cd/m²
	Response time	< 5 ms
	Viewing angle	178 H, 178 V
TUNER	PAL B/G, NTSC, SECAM	•
AUDIO	Output power	2 x 5 W
	Integrated front speakers	•
	Stereo-Sound	•
PORTS	TV tuner	•
	2x HDMI connector	•
	Cinch connector (3,5 mm)	•
	PC (VGA)	•
	PC Audio (3,5 mm)	•
	Headphones (3,5 mm)	•
	YPbPR connector (3,5 mm)	•
	Coaxial Out	•
	10,8 - 16 V DC Supply voltage	•
	External power supply 100 - 240 V AC, 12/24 V DC	•
	TUNER	•
TUNER	Triple-Tuner (DVB-S2*, DVB-T2 + DVB-C Tuner - HDTV)	•
	CI+-Slot (Common Interface)	•
	Electronical program guide (EPG)	•
	Favorites list	•
	Child-proof lock	•
PhotoViewer	USB 2.0 connector / Media Player (PVR function can be retrofitted)	•
DVD-Player	Integrated DVD player on the side	•
	Formats: CD, DVD, VCD, MP3, DVD-R, DVD-RW, DivX, JPEG	•
EQUIPMENT	Auto programme search-storage	•
	Max. programme slots TV	999
	Videotext TOP (100 pages)	•
	Picture modi	4
	Audio modi	5
	Sleep-Timer	•
	Graphical OSD menu (multilingual)	•
MISCELLANEOUS	Power consumption	ON < 19 W (Max.) Stand-by < 0,5 W
	Weight	With stand 3,7 kg Without stand 3,4 kg
	Dimensions (B x H x T in mm)	
		With stand 466 x 347 x 171 Without stand 466 x 305 x 45
	Frame colour	High Gloss black-graphite
	HD-Ready	•
	VESA-Standard (100 x 100 mm)	•
	Energy efficiency class	A
	ON/OFF-Switch	•
ACCESSORIES	Remote control, power supply unit, cinch cable, batteries, instruction manual	•

* No automatically satellite finder



Integrated alphasound Bluetooth module
Connection to external Bluetooth devices
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	Model	R-22 DSB
IMAGE	Screen diagonal	55 cm (22")
	Wide-view Display alphasoundView	LED-Display
	Picture format	16:9 Widescreen
	Image resolution	1920 x 1080 Full-HD
	Contrast ratio	1000:1
	Brightness	350 cd/m ²
	Response time	< 5 ms
	Viewing angle	178 H, 178 V
TUNER	PAL B/G, NTSC, SECAM	•
AUDIO	Output power	2 x 5 W
	Integrated front speakers	•
	Stereo-Sound	•
PORTS	TV tuner	•
	2x HDMI connector	•
	Cinch connector (3,5 mm)	•
	PC (VGA)	•
	PC Audio (3,5 mm)	•
	Headphones (3,5 mm)	•
	YPbPR connector (3,5 mm)	•
	Coaxial Out	•
	10,8 - 16 V DC Supply voltage	•
	External power supply 100 - 240 V AC, 12/24 V DC	•
	Triple-Tuner (DVB-S2*, DVB-T2 + DVB-C Tuner - HDTV)	•
TUNER	CI+ Slot (Common Interface)	•
	Electronical program guide (EPG)	•
	Favorites list	•
	Child-proof lock	•
	PhotoViewer	•
DVD-Player	USB 2.0 connector / Media Player (PVR function can be retrofitted)	•
	Integrated DVD player on the side	•
EQUIPMENT	Formats: CD, DVD, VCD, MP3, DVD-R, DVD-RW, DivX, JPEG	•
	Auto programme search-storage	•
	Max. programme slots TV	999
	Videotext TOP (100 pages)	•
	Picture modi	4
	Audio modi	5
	Sleep-Timer	•
	Graphical OSD menu (multilingual)	•
MISCELLANEOUS	Power consumption	ON < 23 W (Max.) Stand-by < 0,5 W
	Weight	With stand 4,2 kg Without stand 3,9 kg
	Dimensions (B x H x T in mm)	
		With stand 535 x 395 x 171 Without stand 535 x 349 x 43
	Frame colour	High Gloss black-graphite
	HD-Ready	• / Full-HD
	VESA-Standard (100 x 100 mm)	•
	Energy efficiency class	A
	ON/OFF-Switch	•
ACCESSORIES	Remote control, power supply unit, cinch cable, batteries, instruction manual	•

* No automatically satellite finder



Integrated alphasound	Sound Bluetooth module
Connection to external Bluetooth devices (Speakers, headphones)	
Comfortable operation via OSD menu	
Bluetooth range 10 m	



	Model	R-24 DSB	
IMAGE	Screen diagonal	60 cm (24")	
	Wide-view Display alphantronicsView	LED-Display	
	Picture format	16:9 Widescreen	
	Image resolution	1920 x 1080 Full-HD	
	Contrast ratio	1000:1	
	Brightness	300 cd/m²	
	Response time	< 5 ms	
	Viewing angle	178 H, 178 V	
TUNER	PAL B/G, NTSC, SECAM	●	
AUDIO	Output power	2 x 5 W	
	Integrated front speakers	●	
	Stereo-Sound	●	
PORTS	TV tuner	●	
	2x HDMI connector	●	
	Cinch connector (3,5 mm)	●	
	PC (VGA)	●	
	PC Audio (3,5 mm)	●	
	Headphones (3,5 mm)	●	
	YPbPR connector (3,5 mm)	●	
	Coaxial Out	●	
	10,8 - 16 V DC Supply voltage	●	
	External power supply 100 - 240 V AC, 12/24 V DC	●	
TUNER	Triple-Tuner (DVB-S2*, DVB-T2 + DVB-C Tuner – HDTV)	●	
	CI+ Slot (Common Interface)	●	
	Electronical program guide (EPG)	●	
	Favorites list	●	
	Child-proof lock	●	
PhotoViewer	USB 2.0 connector / Media Player (PVR function can be retrofitted)	●	
DVD-Player	Integrated DVD player on the side	●	
	Formats: CD, DVD, VCD, MP3, DVD-R, DVD-RW, DivX, JPEG	●	
EQUIPMENT	Auto programme search-storage	●	
	Max. programme slots TV	999	
	Videotext TOP (100 pages)	●	
	Picture modi	4	
	Audio modi	5	
	Sleep-Timer	●	
	Graphical OSD menu (multilingual)	●	
MISCELLANE- OUS	Power consumption	ON < 26 W (Max.) Stand-by < 0,5 W	
	Weight	With stand 5,0 kg Without stand 4,7 kg	
	Dimensions (B x H x T in mm)	580 374 	
		With stand 580 x 418 x 171	
		Without stand 580 x 374 x 43	
	Frame colour	High Gloss black-graphite	
	HD-Ready	● / Full-HD	
	VESA-Standard (100 x 100 mm)	●	
	Energy efficiency class	A	
	ON/OFF-Switch	●	
	ACCESSORIES	Remote control, power supply unit, cinch cable, batteries, instruction manual	●

* No automatically satellite finder