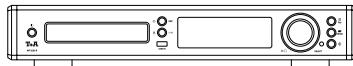


MP2000 R MK II

Multi-source player



CD-Player

Formate	CD/DA, CD-R, CD-RW, CD Text
Frequency response + dynamic range	2Hz – 20 kHz/100 dB

Streaming Client

Formats	MP3, WMA, AAC, OGG Vorbis, FLAC, WAV, AIFF, ALAC
Data rates	PCM 32...192 kHz, 16/24 Bit; MP3 up to 320 kBit, constant and variable Data rate
Features	Gapless Playback for MP3 (Lame), WAV, FLAC T+A Control App for iOS und Android
Standards	UPnP AV, T+A Control
Services	Tidal, Deezer, qobuz. (Subscription required)
Interfaces	LAN: Fast Ethernet 10/100 Base-T, WLAN: 802.11 b/g/n

Digital Connecting Board

S/P-DIF digital inputs	Two high-quality co-ax and two opt. TOS-Link; 32 kSps; 44.1 kSps; 48 kSps; 88.2 kSps; 96 kSps; 176.4 kSps; 192 kSps; 16/24-bit
USB (Device Mode)	USB Class 2 mode; support for asynchronous data transfer PCM mode: 44.1 kSps; 48 kSps; 88.2 kSps; 96 kSps; 176.4 kSps; 192 kSps; 352.8 kSps; 384 kSps; 16/24/32-bit DSD mode: DSD 64; DSD 128; DSD 256; DSD 512
USB (Master Mode)	Two inputs (1 x front panel, 1 x back panel), formats as Streaming Client formats

Tuner

FM	Reception standard	FM, FM-HD
	Frequency range	87.5 – 108 MHz (Europe/US version) 76 – 90 MHz (Japan version)
	Sensitivity	Mono (26dB S/N) 0.9 uV, stereo (46 dB S/N) 40 uV
	Overload margin	103 dB uV
	Total harmonic distortion	0.1 %
	Signal:noise ratio, mono/ stereo	72/62 dB
	Stereo channel separation	50 dB
	De-emphasis (Europe/US version)	50/75 us
	Data services	RDS/RDBS, station name (PS), programme type (PTY), radiotext (RT)
DAB	Reception standard	DAB, DAB+
	Frequency range	168 – 240 MHz (band III)
	Sensitivity (BER = 10 – 4)	2.5 uV
	Overload margin	103 dB uV

Bluetooth	aptX® Bluetooth Audio transmission protocol A2DP (Audio) AVRCP 1.4 (Control), MP3, SBC		
Connections			
Analogue outputs	High level (RCA)	2.2V _{eff} / 50 Ohms	
	Symmetrical (XLR)	4.4V _{eff} / 50 Ohms	
Digital outputs	1 × coax, IEC 60958 (LPCM)		
D/A-Converter			
PCM	Double differential quadruple converter with four D/A converters per channel, 32-bit sigma-delta, 352.8 kSps/384 kSps Up-sampling: freely programmable signal processor with four selectable oversampling algorithms. FIR short, FIR long, Bezier/IIR, Bezier		
DSD	Direct DSD signal path via T+A True 1-bit converter		
Frequency response	PCM 44.1	kSps:2 Hz – 20 kHz	
	PCM 48	kSps:2 Hz – 22 kHz	DSD 64:2 Hz – 44 kHz
	PCM 96	kSps:2 Hz – 40 kHz	DSD 128:2 Hz – 60 kHz
	PCM 192	kSps:2 Hz – 80 kHz	DSD 256:2 Hz – 80 kHz
	PCM 384	kSps:2 Hz – 100 kHz	DSD 512:2 Hz – 100 kHz
Analogue filter	Phase-linear filter with automatic bandwidth switching 60 ... 120 kHz (according to sample rate)		
Total harmonic distortion	<0.001%		
Signal:noise ratio	110 dB		
Channel separation	110 dB		
Control interface	R2-Link		
Remote control	FM 2000, T+A Control APP, optional FD 100 remote control handset with screen		
Mains connection	100 – 240V, 50 – 60 Hz, 40VA		
Stand-by	<0.5 W		
Dimensions (H × W × D)	8.2 × 46 × 40 cm / 3.2 × 18.1 × 15.8 inch		
Weight	8 kg / 17.6 lbs		
Finishes	Silver anodised aluminium (43), black anodised aluminium (42), brushed		



Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries, used with permission. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries, used with permission

