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PRESS RELEASE

The new MP 3100 HV - One for all

With the MP 3100 HV, T + A elektroakustik introduces a new high-end multi-source player with SACD drive.

Herford, March, 10th 2017: The SACD is currently experiencing what can only be termed as a renaissance all over the world. As the revival of Vinyl has shown, there is an undeniable charm in owning a tangible data medium. Especially audiophile customers still wish to be able to play music from CD and SACD. For that reason T+A developed the MP 3100 HV with a completely new, modern disc mechanism incorporating the latest decoder technology. It is offering very fast access times and outstanding error correction.

Additionally, the MP 3100 HV is capable of carrying out the full signal processing of DSD bitstream data in addition to processing PCM data to impeccable standards. The sound quality of any digital source is crucially dependent on the quality of the digital signal processing and the overall converter design. In both these areas the Multi Source SACD-Player offers extremely sophisticated solutions based on T+A key technologies, which already succeeded in the MP 3000 HV and the PDP 3000 HV. Depending on the incoming data format, the signals from our players' digital sources – both external and internal – pass through one of two completely separate signal paths, each fully optimized exclusively for that signal type (DSD or PCM). After the two separate converters, the following analogue section is constructed on the proven T+A fully symmetrical double mono principle, which characterizes the HV-Series.

The outstanding features of the MP 3100 HV make additional players unnecessary. The machine's new streaming client provides maximum resolution as well as the facility to access various music services and Internet radio. The inclusion in the home network via LAN and WLAN, USB Master Mode and HD streaming from network servers is also possible. The tuner offers FM, DAB+ and HD radio FM (USA) capability, and delivers excellent sound. The MP 3100 HV also includes a high-quality

Bluetooth streaming module for transferring music from mobile devices. The Player, or even an entire HV system, is controlled using the FD 100 radio remote control handset or the T+A Control App.

The MP 3100 HV will be available from the middle of April 2017 from T+A authorized distribution partners and specialist dealers.

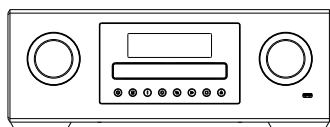
For further information as well as technical details, please refer to our homepage:

<http://www.ta-hifi.de/audiosysteme/hv-serie/mp-3100-hv-multi-source-sacd-player-2/>

(2.362 words)

MP 3100 HV

Multi Source SACD Player



SACD drive unit		High precision linear tracking drive Double-Lasersystem: SACD: 650 nm , CD: 785 nm
Formats		SACD Stereo, CD, CD-R, CD-RW, CD Text
Frequency range and dynamics		CD: 2 Hz – 20 kHz / 100 dB, SACD: 2 Hz – 44 kHz / 110 dB
Streaming Client		
Formats / Standards		MP3, WMA, AAC, OGG Vorbis, FLAC, WAV, AIFF, ALAC / UPnP AV, T+A Control
Data rates		PCM 32...192 kHz, 16/24 Bit; MP3 bis 320 kBit, variable and constant bit rate
Music services		Tidal, Deezer, qobuz. (Subscription required)
Features		Gapless Playback für MP3 (Lame), WAV, FLAC. T+A Control App for iOS und Android)
Interfaces		LAN: Fast Ethernet 10/100 Base-T, WLAN: 802.11 b/g/n
Tuner		
Internet Radio		Airable Internet Radio Service (> 11000 Stations).
FM, FM-HD		87,5 - 108 MHz; sensitivity 1 µV; S/N > 65 dBA.
DAB, DAB+		168 -240 MHz (Band III); Sensitivity 2,0 µV, S/N > 96 dBA.
Features		RDS/RDBS, Stationname (PS), Programm type (PTY), Radiotext (RT)
Bluetooth Standard / Codec		A2DP (Audio), AVRCP 1.4 (Control) / aptX®, MP3, SBC.
Connections		
Outputs analogue		
Co-axial (RCA) Balanced (XLR)		2,5 V _{eff} / 50 Ohm 5,0 V _{eff} / 50 Ohm
Output digital		1 x coax, IEC 60958 (LPCM)
Digital inputs (digital connecting board)		1x AES-EBU 192 kSps /24 bit 5x S/P-DIF: 1x standard coax, 2 high quality BNC 192 kSps/24 bit and 2 optical TOS-Link 96 kSps /24 bit. 1x USB: Device-Mode up to. 384 kSps (PCM) and DSD512*, supports asynchronous data transfer, * DSD256 and DSD512 only with a Windows PC with appropriate driver installed 2 x USB Master-Mode for USB-Mass storage (Stick or HDD)
D/A-Converter	PCM	Double-Differential-Quadruple-Converter with four 32-Bit Sigma Delta D/A converters per channel. 352.4 / 384 kSps conversion rate.
	DSD	T+A True-1Bit DSD D/A-Converter native bitstream
Upsampling (PCM)		T+A Digital Signal Processor - synchronous upsampling with 4 selectable oversampling algorithms: FIR short, FIR long, Bezier/IIR, Bezier
Analogue filter		Phase-linear Bessel filter 3rd Order with 60 or 120 kHz cut off frequency
Frequency response		like PDP 3000 HV
Total harmonic distortion		< 0,001 %
Signal / noise ratio		> 116 dB
Channel separation		> 110 dB
Mains		2 x 110-120 V or 220-240 V, 50-60 Hz, 2 x 40 W
Standby		< 0,5 W
Dimensions (H x W x D) / Weight		17 x 46 x 46 cm / 6.7 x 18.1 x 18.1 ~, 26 kg / 57.3 lbs
Remote control		FD 100, bi-directional radio remote control with display, T+A Control APP
Accessories		WLAN aerial, RF-aerial, charger for FD 100, BNC / RCA adapter
Finishes		case: silver laquer 47 or titanium laquer 64, heat sink black 42