

RX-7010VBK

Audio/Video Control Receiver



AV COMPU LINK

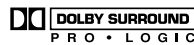


■ **Stereo:** 100 watts per channel, 8 ohms, 40Hz to 20kHz, with 0.8% THD; **Surround: (Front)** 100 watts per channel, 8 ohms, 1kHz, 0.8% THD; **(Center)** 100 watts, 8 ohms, 1kHz, 0.8% THD; **(Surround)** 100 watts per channel, 8 ohms, 1kHz, 0.8% THD ■ Dolby Digital/DTS decoders built-in ■ Compatible with multi-channel audio (5.1-channel analog input and 5 separate amps) ■ DSP functions: Dolby Pro Logic in full digital processing; Digital Acoustics Processor (DAP) for 2-channel digital sources (5 modes); Headphone mode ■ LCD multi-brand A/V-

DBS-CATV remote control ■ Fluorescent display ■ Bass/treble tone control ■ Bass boost ■ Banana-plug speaker terminals for all channels ■ 3 A/V inputs and 3 audio inputs ■ 1 coaxial and 3 optical digital inputs with assignable function (TV/DBS, CD, MD, DVD) ■ 1 optical digital output ■ S-video terminals: 3 inputs and 2 outputs ■ 15 AM and 30 FM station memory ■ High-rigidity Z-Chassis ■ Enhanced COMPU LINK Control System ■ AV COMPU LINK

RX-6010VBK

Audio/Video Control Receiver



■ **Stereo:** 100 watts per channel, 8 ohms, 40Hz to 20kHz, with 0.8% THD; **Surround: (Front)** 100 watts per channel, 8 ohms, 1kHz, 0.8% THD; **(Center)** 100 watts, 8 ohms, 1kHz, 0.8% THD; **(Surround)** 100 watts per channel, 8 ohms, 1kHz, 0.8% THD ■ Dolby Digital/DTS decoders built-in ■ Digital Acoustics Processor (DAP) for 2-channel sources (5 modes) ■ Dolby Pro Logic in full digital processing

■ Headphone mode ■ Fluorescent display ■ Bass/treble tone control ■ 2 A/V inputs and 3 audio inputs ■ 1 coaxial and 1 optical digital inputs with assignable function (TV/DBS, CD, MD, DVD) ■ High-rigidity Z-Chassis ■ Full-function A/V remote control ■ Enhanced COMPU LINK Control System

Specifications

A/V Receivers							
	RX-DP10VBK	RX-DP9VBK	RX-9010VBK	RX-8010VBK	RX-7010VBK	RX-6010VBK	
AMPLIFIER SECTION							
Output Power: Stereo	120 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.02% total harmonic distortion	120 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.02% total harmonic distortion	120 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	120 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 40Hz to 20kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 40Hz to 20kHz, with no more than 0.8% total harmonic distortion	
Surround: Front Channels	120 watts per channel, min. RMS, driven into 8 ohms/4 ohms from 20Hz to 20kHz, with no more than 0.02%/0.07% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	
Center Channel	120 watts per channel, min. RMS, driven into 8 ohms/4 ohms from 20Hz to 20kHz, with no more than 0.02%/0.07% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	100 watts, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	
Surround Channels	120 watts per channel, min. RMS, driven into 8 ohms/4 ohms from 20Hz to 20kHz, with no more than 0.02%/0.07% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	
Surround Back Channels	120 watts per channel, min. RMS, driven into 8 ohms/4 ohms from 20Hz to 20kHz, with no more than 0.02%/0.07% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms from 20Hz to 20kHz, with no more than 0.08% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	100 watts per channel, min. RMS, driven into 8 ohms at 1kHz, with no more than 0.8% total harmonic distortion	
Input Sensitivity/Impedance							
PHONO	2.5mV/47k ohms	2.5mV/47k ohms	2.5mV/47k ohms	2.5mV/47k ohms	2.7mV/47k ohms	—	
OTHER INPUTS	200mV/47k ohms	200mV/47k ohms	200mV/47k ohms	200mV/47k ohms	220mV/47k ohms	220mV/47k ohms	
Signal-to-Noise Ratio ('66 IHF/78 IHF)							
PHONO	70dB/78dB (REC OUT)	70dB/78dB (REC OUT)	70dB/78dB (REC OUT)	70dB/78dB (REC OUT)	70dB/78dB (REC OUT)	—	
OTHER INPUTS	92dB/80dB	92dB/80dB	92dB/80dB	92dB/80dB	87dB/67dB	87dB/67dB	
Frequency Response							
PHONO	20Hz - 20kHz (±1dB)	20Hz - 20kHz (±1dB)	20Hz - 20kHz (±1dB)	20Hz - 20kHz (±1dB)	20Hz - 20kHz (±1dB)	—	
DVD MULTI	10Hz - 100kHz (+1dB, -3dB)	10Hz - 100kHz (+1dB, -3dB)	20Hz - 100kHz (+1dB, -3dB)	20Hz - 100kHz (+1dB, -3dB)	20Hz - 20kHz (±1dB)	—	
OTHER INPUTS	10Hz - 100kHz (+1dB, -3dB)	10Hz - 100kHz (+1dB, -3dB)	20Hz - 100kHz (+1dB, -3dB)	20Hz - 100kHz (+1dB, -3dB)	20Hz - 20kHz (±1dB)	20Hz - 20kHz (±1dB)	
USB	20Hz - 20kHz (+1dB, -3dB)	20Hz - 20kHz (+1dB, -3dB)	20Hz - 20kHz (+1dB, -3dB)	20Hz - 20kHz (+1dB, -3dB)	20Hz - 20kHz (+1dB, -3dB)	—	
RIAA Phono Equalization	±1dB (20Hz - 20kHz)	±1dB (20Hz - 20kHz)	±1dB (20Hz - 20kHz)	±1dB (20Hz - 20kHz)	±1dB (20Hz - 20kHz)	—	
FM TUNER SECTION (IHF)							
Usable Sensitivity	12.8dBf (1.2µV/75 ohms)	12.8dBf (1.2µV/75 ohms)	12.8dBf (1.2µV/75 ohms)	12.8dBf (1.2µV/75 ohms)	12.8dBf (1.2µV/75 ohms)	12.8dBf (1.2µV/75 ohms)	
Quieting Sensitivity	MONO STEREO	18.2dBf (2.2µV/75 ohms) 38.2dBf (22.3µV/75 ohms)	18.2dBf (2.2µV/75 ohms) 38.2dBf (22.3µV/75 ohms)	21.3dBf (3.2µV/75 ohms) 41.3dBf (31.5µV/75 ohms)	21.3dBf (3.2µV/75 ohms) 41.3dBf (31.5µV/75 ohms)	21.3dBf (3.2µV/75 ohms) 41.3dBf (31.5µV/75 ohms)	
Stereo Separation at REC OUT (1kHz)	40dB	40dB	35dB	35dB	35dB	35dB	
Distortion (1kHz) MONO/STEREO	0.2%/0.3%	0.2%/0.3%	0.4%/0.6%	0.4%/0.6%	0.4%/0.6%	0.4%/0.6%	
Signal-to-Noise Ratio (IHF-A weighted)							
MONO/STEREO (at 85 dBf)	78dB/73dB	78dB/73dB	78dB/73dB	78dB/73dB	78dB/73dB	78dB/73dB	
Selectivity (±40kHz)	60dB	60dB	48dB	48dB	45dB	45dB	
Capture Ratio (at 85 dBf)	1.5dB	1.5dB	2dB	2dB	2dB	2dB	
AM Rejection Ratio	63dB	63dB	59dB	59dB	59dB	59dB	
Frequency Response	30Hz - 15kHz (+0.5, -3dB)	30Hz - 15kHz (+0.5, -3dB)	30Hz - 15kHz (+0.5, -3dB)	30Hz - 15kHz (+0.5, -3dB)	30Hz - 15kHz (+0.5, -3dB)	30Hz - 15kHz (+0.5, -3dB)	
AM TUNER SECTION							
Usable Sensitivity	400µV/m (Loop antenna)	400µV/m (Loop antenna)	400µV/m (Loop antenna)	400µV/m (Loop antenna)	400µV/m (Loop antenna)	400µV/m (Loop antenna)	
Signal-to-Noise Ratio (100mV/m)	50dB	50dB	50dB	50dB	50dB	50dB	
Selectivity (±10kHz)	23dB	23dB	23dB	23dB	23dB	23dB	
VIDEO INPUTS/OUTPUTS							
Output Signal Level							
Component - Y	1Vp-p	1Vp-p	1Vp-p	1Vp-p	—	—	
- Pb/Pb	0.7Vp-p	0.7Vp-p	0.7Vp-p	0.7Vp-p	—	—	
S-Video -Y	1Vp-p	1Vp-p	1Vp-p	1Vp-p	1Vp-p	—	
S-Video -C	0.286Vp-p	0.286Vp-p	0.286Vp-p	0.286Vp-p	0.286Vp-p	—	
Composite	1Vp-p	1Vp-p	1Vp-p	1Vp-p	1Vp-p	1Vp-p	
Impedance	75 ohms unbalanced	75 ohms unbalanced	75 ohms unbalanced	75 ohms unbalanced	75 ohms unbalanced	75 ohms unbalanced	
Synchronization	Negative	Negative	Negative	Negative	Negative	Negative	
Signal-to-Noise Ratio	45dB	45dB	45dB	45dB	45dB	45dB	
Crosstalk	45dB (3.58MHz)	45dB (3.58MHz)	45dB (3.58MHz)	45dB (3.58MHz)	45dB (3.58MHz)	45dB (3.58MHz)	
Dimensions (W x H x D)	17 ⁹ / ₁₆ x 7 x 18 ³ / ₄ inches 445 x 176.5 x 474.5 mm	17 ⁹ / ₁₆ x 7 x 18 ³ / ₄ inches 445 x 176.5 x 474.5 mm	17 ⁹ / ₁₆ x 6 ⁵ / ₁₆ x 16 ³ / ₄ inches 435 x 156.5 x 425 mm	17 ⁹ / ₁₆ x 6 ⁵ / ₁₆ x 16 ³ / ₄ inches 435 x 156.5 x 425 mm	17 ⁹ / ₁₆ x 5 ¹ / ₁₆ x 16 ³ / ₄ inches 435 x 146.5 x 425.5 mm	17 ⁹ / ₁₆ x 5 ¹ / ₁₆ x 16 ³ / ₄ inches 435 x 146.5 x 425.5 mm	17 ⁹ / ₁₆ x 5 ¹ / ₁₆ x 16 ³ / ₄ inches 435 x 146.5 x 416 mm
Mass	49 lbs. (22.0kg)	47 lbs. (21.1kg)	25.4 lbs. (11.5kg)	25.4 lbs. (11.5kg)	19.0 lbs. (8.6kg)	19.0 lbs. (8.6kg)	

CD Changers				
	XL-MC2000BK	XL-MC334BK	XL-FZ258BK	XL-FZ158BK
Total Harmonic Distortion (1kHz)	0.006%	0.004%	0.0022%	0.0022%
Signal-to-Noise Ratio	103dB	105dB	107dB	107dB
Dynamic Range (1kHz)	96dB	96dB	98dB	98dB
Frequency Response	4Hz — 20kHz	4Hz — 20kHz	2Hz — 20kHz	2Hz — 20kHz
Wow and Flutter	Unmeasurable	Unmeasurable	Unmeasurable	Unmeasurable
Channel Separation (1kHz)			94dB	94dB
Output Level (LINE)	2.0V RMS	2.0V RMS	2.0V RMS	2.0V RMS
Dimensions (W x H x D)	17 ⁹ / ₁₆ x 7 ⁷ / ₈ x 19 inches 435 x 199.5 x 482.5 mm	17 ⁹ / ₁₆ x 7 ⁷ / ₈ x 19 inches 435 x 199.5 x 482.5 mm	17 ⁹ / ₁₆ x 5 ¹ / ₁₆ x 15 ⁵ / ₁₆ inches 435 x 128 x 388 mm	17 ⁹ / ₁₆ x 5 ¹ / ₁₆ x 15 ⁵ / ₁₆ inches 435 x 128 x 388 mm
Mass	17.2 lbs (7.8kg)	17.2 lbs (7.8kg)	11.3 lbs (5.1kg)	11.3 lbs (5.1kg)