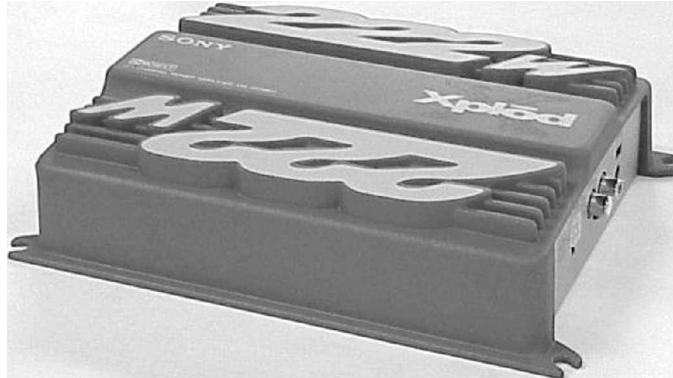


# XM-222MK2

## SERVICE MANUAL

Ver 1.1 2002. 03

Canadian Model  
AEP Model  
UK Model  
E Model



### SPECIFICATIONS

Circuit system	OTL (output transformerless) circuit Pulse power supply
Inputs	RCA pin jacks High level input connector
Input level adjustment range	0.3 – 6 V (RCA pin jacks), 0.6 – 12 V (High level input)
Outputs	Speaker terminals
Speaker impedance	2 – 8 $\Omega$ (stereo) 4 – 8 $\Omega$ (when used as a bridging amplifier)
Maximum outputs	100 W - 2 (at 4 $\Omega$ ) 222 W (BTL, at 4 $\Omega$ )
Rated outputs (supply voltage at 14.4 V)	35 W - 2 (20 Hz – 20 kHz, 0.04% THD, at 4 $\Omega$ ) 40 W - 2 (20 Hz – 20 kHz, 0.1% THD, at 2 $\Omega$ ) 80 W (Monaural) (20 Hz – 20 kHz, 0.1% THD, at 4 $\Omega$ )
Frequency response	5 Hz – 80 kHz ( $-3$ dB) <sup>0</sup>
Harmonic distortion	0.005% or less (at 1 kHz, 4 $\Omega$ , 10 W)
Low-pass filter	80 Hz, $-18$ dB/oct
Power requirements	12 V DC car battery (negative ground)
Power supply voltage	10.5 – 16 V
Current drain	at rated output : 12 A (4 $\Omega$ , 35 W - 2) Remote input : 1.5 mA
Dimensions	Approx. 205 - 55 - 158 mm (w/h/d) not incl. projecting parts and controls
Mass	Approx. 1.6 kg not incl. accessories
Supplied accessories	Mounting screws (4) High level input cord (1) Protection cap (1)

*Design and specifications are subject to change without notice.*

## STEREO POWER AMPLIFIER