

# 2002 SONY MOBILE PRODUCT GUIDE



## CDX-M730 FM/AM Compact Disc Player

- Detachable Active Black Panel (ABP)
  - CD/MD Control w/Custom File™ memory
  - Hi/Low Pass Filters, F/R/S Preouts
  - Xplōd® Power: 52W x 4
  - Supplied Wireless Remote (RM-X110)
  - Optional Wireless Rotary Remote (RM-X6S)
  - 8fs, 1-Bit D/A Converter
  - Active Servo Control
  - 30 Degree Install
  - CD-RW Playback
  - 18FM + 12AM memory presets
  - Dot Matrix, 5-color LCD, clock
  - Active Display w/Demo Mode
  - DSO, EQ7
  - CD TEXT®
  - XM Ready
  - SSIR-EXA Tuner
- Indicates step-up

### Audio Power Specifications

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

### CD Player Section

|                       |                        |
|-----------------------|------------------------|
| Signal-to-noise ratio | 90 dB                  |
| Frequency response    | 10 – 20,000 Hz         |
| Wow and flutter       | Below measurable limit |

### Tuner Section

#### FM

|                              |                              |
|------------------------------|------------------------------|
| Tuning range                 | 87.5 – 107.9 MHz             |
| Antenna terminal             | External antenna connector   |
| Intermediate frequency       | 10.7 MHz/450 kHz             |
| Usable sensitivity           | 8 dBf                        |
| Selectivity                  | 75 dB at 400 kHz             |
| Signal-to-noise ratio        | 66 dB (stereo), 72 dB (mono) |
| Harmonic distortion at 1 kHz | 0.6% (stereo), 0.3% (mono)   |
| Separation                   | 35 dB at 1 kHz               |
| Frequency response           | 30 – 15,000 Hz               |

#### AM

|                        |                            |
|------------------------|----------------------------|
| Tuning range           | 530 – 1,710 kHz            |
| Antenna terminal       | External antenna connector |
| Intermediate frequency | 10.7 MHz/450 kHz           |
| Sensitivity            | 30 $\mu$ V                 |

### Power Amplifier Section

|                      |                             |
|----------------------|-----------------------------|
| Outputs              | Speaker outputs             |
| Speaker impedance    | 4 – 8 ohms                  |
| Maximum power output | 52 W $\times$ 4 (at 4 ohms) |

### General

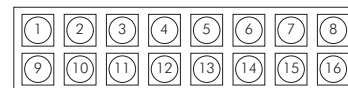
|                      |                                                                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Outputs              | Audio outputs (front /rear)<br>Subwoofer output (mono)<br>Power antenna relay control terminal<br>Power amplifier control terminal                  |
| Inputs               | Telephone ATT control terminal<br>Illumination control terminal<br>BUS control input terminal<br>BUS audio input terminal<br>Antenna input terminal |
| Tone controls        | Bass $\pm$ 10 dB at 62 Hz<br>Treble $\pm$ 10 dB at 16 kHz                                                                                           |
| Loudness             | +8 dB at 100 Hz<br>+2 dB at 10 kHz                                                                                                                  |
| Power requirements   | 12 V DC car battery (negative ground)                                                                                                               |
| Dimensions           | Approx. 178 $\times$ 50 $\times$ 182 mm<br>(7 1/8 $\times$ 2 $\times$ 7 1/4 in.) (w/h/d)                                                            |
| Mounting dimensions  | Approx. 182 $\times$ 53 $\times$ 160 mm<br>(7 1/4 $\times$ 2 1/8 $\times$ 6 3/8 in.) (w/h/d)                                                        |
| Mass                 | Approx. 1.5 kg (2 lb. 10 oz.)                                                                                                                       |
| Supplied accessories | Parts for installation and connections (1 set)<br>Front panel case (1)<br>Card remote commander RM-X110                                             |

### Note

This unit cannot be connected to a digital preamplifier or an equalizer.

Design and Specifications subject to change without notice.

### Harness Plug Configuration



Plug shown with wires facing viewer.

| Pin Number | Wire Color   | Description   |
|------------|--------------|---------------|
| 1          | White        | Left front +  |
| 2          | Green        | Left rear +   |
| 3          | Purple       | Right rear +  |
| 4          | Gray         | Right front + |
| 5          | Blue/white   | AMP Remote    |
| 6          | Blue         | ANT Remote    |
| 7          | Red          | Accessory     |
| 8          | Black        | Ground        |
| 9          | White/black  | Left front -  |
| 10         | Green/black  | Left rear -   |
| 11         | Purple/black | Right rear -  |
| 12         | Gray/black   | Right front - |
| 13         | Sky blue     | ATT           |
| 14         |              | Illumination  |
| 15         |              |               |
| 16         | Yellow       | Battery       |

# SONY®

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FM/AM Compact Disc Player**

