

ICD-PX312/PX312D/ PX312F/PX312M

SERVICE MANUAL

Ver. 1.0 2011.02

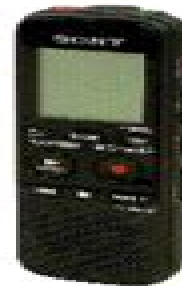


Photo: ICD-PX312

E Model
ICD-PX312/PX312M

Chinese Model
ICD-PX312M

Latin American Model
ICD-PX312D/PX312F

Note:

Be sure to keep your PC used for service and checking of this unit always updated with the latest version of your anti-virus software. In case a virus affected unit was found during service, contact your Service Headquarters.

SPECIFICATIONS

IC recorder section

Capacity (User available capacity)
2 GB
Approx. 1.60 GB = 1,632,735,263 Bytes
A part of the memory capacity is used as a management area.

Frequency range
• SHQ: 15 Hz - 20,000 Hz
• HQ: 15 Hz - 17,000 Hz
• SP: 15 Hz - 14,000 Hz
• LP: 15 Hz - 3,500 Hz

Bit rate and sampling frequencies for
MP3 files**
Bit rate: 32 kbps - 320 kbps, VBR
Sampling frequencies:
16/22.05/24/32/44.1 kHz
File extension: .mp3

** The playback of MP3 files recorded using
the IC recorder is also supported. Not all
encoders are supported.

FM radio section (ICD-PX312F only)

Frequency range (ICD-PX312F only)
87.50 MHz - 108.00 MHz
BF 128 kHz

Antenna (ICD-PX312F only)
Stereo headphones cord antenna

General

Speaker
Approx. 28 mm (1 1/8 in.) dia.

Input/Output

- Microphone jack (mini jack, stereo)
 - Input for plug-in power, minimum input 1 mV
 - 0.6 mV
- Headphone jack (mini jack, stereo)
 - output for 8 ohms - 300 ohms impedance headphones
- USB connector (USB Mini-B jack)
 - High-Speed USB compatible
- Memory Stick Micro™ (M2™) miniSD memory card slot

Playback speed control (DPC)
2.00 times - 0.50 times

Power output
300 mW

Power requirements
Two LR03 (size AAA) alkaline batteries (supplied): 3.0 VDC
ICD-PX312/PX312D/PX312F
Two NiH-AAA-B20N rechargeable batteries (not supplied): 2.4 VDC
ICD-PX312M
Two NiH-AAA rechargeable batteries (not supplied): 2.4 VDC

Operating temperature
5°C - 35°C (41°F - 95°F)

- Continued on next page -

IC RECORDER

SONY®

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