SERVICE MANUAL

FISHER

COMPACT DISC PLAYER

AD-9020

(EUROPE)

SPECIFICATIONS

System ........................................ Compact disc digital audio

AUDIO CHARACTERISTICS
Frequency Response ........................... 20 Hz – 20 kHz ±0.7 dB
Harmonic Distortion ......................... Less than 0.008% (1 kHz)
(20kHz Low Pass Filter)
Dynamic Range ................................. More than 96 dB
S/N Ratio ..................................... More than 100 dB
Wow and Flutter ............................... Below measurable limits
Channel Separation ......................... More than 95 dB (1 kHz)
Output Voltage (maximum) ................. 2 Vrms

FUNCTIONS
Track/Program Selection .......... With FFWD and FBACK buttons
Index Selection ........................... With SCAN/INDEX ▶and◁ buttons
Scanning(fast forward/fast back)........
  Play mode: .......................... 2-speed search with sound
  Pause mode: ....................... 2-speed search without sound
Each/Remain/Total Time Display ....... With DISPLAY button
during the PLAY mode

PROGRAM FUNCTIONS
Program Memory ......................... 16 selections

Edit Disc Play
Tape Length Selection ................. C-46, C-60, C-90
Display ........................... Side AB editing time display
Introscan Play ......................... 10 seconds/track
Random Play ......................... With the RANDOM PLAY button during
the PLAY mode
Repeat Play ...................... One track/all tracks/all programmed tracks
Program Reset .................. With STOP button during
  PROGRAMMED PLAY mode
Pause .................................. Each track
Disc Loading .................... Motor-driven, horizontal loading

DIGITAL SIGNAL PROCESSING
Optical Pickup .............................. 3-beam laser
Sampling Frequency ................. 44.1 kHz
Filters .............................. 18-bit, 8 times oversampling digital filter
  2-pole active filter
D/A Conversion .................. Advanced 1 Bit, D/A converters

GENERAL
Power Requirements(50 Hz) ........... AC 110/220V
20 Watts
Dimensions (WxHxD) ................. 440 x 94 x 275 mm
Weight (approximate) ............... 3.5 kg

– Specifications and design are subject to change without notice. –

REFERENCE No. WM-570551
NOTES:
1. All resistors are 1/4 watt or 1/8 watt 5% unless marked. Otherwise Resistor values are in ohms (K = 1000 ohms, M = 1000k ohms).
2. All capacitor values are in microfarads. (P = picofarads).
3. Each DC voltage shows the nominal values in volts no input signal.
4. Is Safety Part. Use only replacement parts recommended by the manufacturer.
5. This is a basic schematic diagram.