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Please use this service manual with referring to the user guide (D.F.U) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行って下さい。

marantz®

- ST6000 -
MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, MARANTZ company has created the ultimate in stereo sound. Only original MARANTZ parts can insure that your MARANTZ product will continue to perform to the specifications for which it is famous.

Parts for your MARANTZ equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS:
Parts can be ordered either by mail or by Fax. In both cases, the correct part number has to be specified.
The following information must be supplied to eliminate delays in processing your order:
1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature - any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA
MARantz America, Inc.
440 Medinah Road
Roseville, Illinois 60172
USA
Phone: 630-307-3100
Fax: 630-307-2687

EUROPE / TRADING
Marantz Europe B.V.
P.O. Box 8002, Building SFF2
9600 JB Eindhoven
The Netherlands
Phone: +31-40-2732241
Fax: +31-40-2735578

Brazil
Marantz Brazil
Caixa Postal 21462
CEP 04066-970
São Paulo, SP, Brazil
Phone: 0800-121321 (Outro Time: 00 55 11 534 8988
Fax: +55 11 534. 8988

Professional Americas
Superscope Technologies, Inc.
Marantz Professional Products
2640 White Oak Circle, Suite A
Aurora, Illinois 60504 USA
Phone: 630-820-4800
Fax: 630-820-8103

Canada
Lenbrook Industries Limited
630 Granite Court,
Pickering, Ontario L1W 3K1
Canada
Phone: 905-831-6333
Fax: 905-831-6936

Australia
Jamo Australia Pty Ltd
1 Exco Court, P.O. Box 350
Mt. Waverley VIC 3149
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Phone: +61 3-9543-1522
Fax: +61 3-9543-3877

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Mrz STANDARD CO., LTD
746-754 Mahachai Road,
Bangkok, 10200 Thailand
Phone: +66-2-222 9181
Fax: +66-2-224 6799

Singapore
WO Kee Hong (S) PTE LTD
WO Kee Hong Centre
NO.23, LORONG 8, TOA PAYOH
Singapore 319257
Phone: +65 2544555
Fax: +65 2502213

Taiwan
Pai-Yung Co., LTD.
5 TH FL NO. 148 Sung Kiang Road,
Taipei, 10429, Taiwan R.O.C.
Phone: +886-2-25223304
Fax: +886-2-25630415

Japan
Marantz Japan, Inc.
35-1, 7-Chome, Sagamihara-
Shi, Kanagawa
Japan 229-8505
Phone: +81 44 748 1013
Fax: +81 44 748 9990

Japan Mansan Tsukishima K.K.
Kanto-ku, Nishi-ku, Tokyo 113-8505
Phone: +81 3 7184666
Fax: +81 3 7173828

Korea
MK Enterprises Ltd.
Room 604/05, Electro-officetel, 16-58, 3GA, Hangang-Ro, Yongsan-Ku, Seoul Korea
Phone: +822 2322 155
Fax: +822 2322 154

SHOCK, FIRE HAZARD SERVICE TEST:

CAUTION: After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.
Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.
Ref. UL Standard No. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

990729A.0
1. TECHNICAL SPECIFICATION

FM Section
Frequency Range ... 87.50MHz-108.00MHz (50kHz steps)
76.00MHz-80.00MHz (50kHz steps)
Usable Sensitivity (IHF) ... Mono: 10dB
Frequency Response ... 20Hz-18kHz
+0.5 ~ -3.0dB
T.H.D (at 65dB, 1kHz) ... Mono: 0.1% Stere0: 0.2%
Signal-to-Noise Ratio (at 65dB, 1kHz) ... Mono: 70dB Stere0: 65dB
AM Suppression Ratio ... 60dB
Stereo Separation (1kHz) ... 40dB

General
Power Requirements ... AC 230V, 50Hz (N1)
AC 120V, 60Hz (N1)
Power Consumption ... 8W
Dimensions (WxHxD) ... 440x98x311mm
Weight (net) ... 3.8Kg

MW Section
Frequency Range ... 522kHz-1622kHz (9kHz step)
520kHz-1710kHz (10kHz step)
Usable Sensitivity (S/N 20dB) ... 55dBm
Image Response Ratio ... 35dB
T.H.D (400Hz) ... 0.8%
Signal-to-Noise Ratio ... 40dB (at 85dB/m)

UHF Section (N1 only)
Frequency Range ... 146MHz-290MHz (1kHz step)
Usable Sensitivity (S/N 20dB) ... 60dBm
T.H.D (400Hz) ... 1.0%
Signal-to-Noise Ratio ... 40dB (at 85dB/m)

Standard Accessories
Audio signal connection cord ... 1
Remote control connection cord ... 1
FM Antenna ... 1
AM Loop Antenna ... 1
User Guide ... 1
Remote Unit (N1, /F1) ... 1
75-300ohm adaptor (N1, /F1) ... 1

2. WIRING DIAGRAM