

TEAC

SERVICE MANUAL

CT-M486 MK II

20" CTV

Effective: JANUARY, 1995.

CTM486MKIICT8820

SPECIFICATION

| | | | |
|-------------------------|------------|--|---------------------|
| SYSTEM | : | PAL-B/G | |
| DESTINATION | : | | |
| CHANNEL | VHF LOW | : | 0 - 5 CH |
| COVERAGE | VHF HIGH | : | 5A - 11 CH |
| | UHF | : | 21 - 65 CH |
| FREQUENCY | VHF LOW | : | 46.25 - 102.25 MHz |
| RANGE | VHF HIGH | : | 138.25 - 216.25 MHz |
| | UHF | : | 471.25 - 823.25 MHz |
| SCANNING | LINES | : | 625 LINES |
| | HORIZONTAL | : | 15625 Hz |
| | VERTICAL | : | 50 Hz |
| IF FREQUENCY | VIDEO | : | 38.9 MHz |
| | SOUND | : | 33.4 MHz |
| | CHROMA | : | 37.13 MHz |
| VISION/SOUND SEPARATION | : | 5.5 | MHz |
| SENSITIVITY | VHF LOW | : | 32 uV |
| | UHF HIGH | : | 56 uV |
| | UHF | : | 80 uV |
| OUTPUT POWER MAXIMUM | : | 2000 | mW |
| | 10% THD | : | 1800 mW |
| CRT | : | 20" DIAGONAL, 90 DEGREE DEFLECTION ANGLE | |
| SPEAKER | : | 4" 8 OHM 3w x2 | |
| ANTENNA IMPEDANCE | : | 75 | OHM |
| POWER CONSUMPTION | : | 60 | WATTS |

VIF ALIGNMENT

A. Preparation Step (See Fig. 1)

- (i) Connect AGC bias voltage to TP101, the DC supply should be turned off this time.
- (ii) Connect 14V B+ bias voltage to D404 (-) and Ground.
- (iii) Connect sweep generator to tuner test point and Ground.
- (iv) Connect waveform detector to TP105 and Ground.

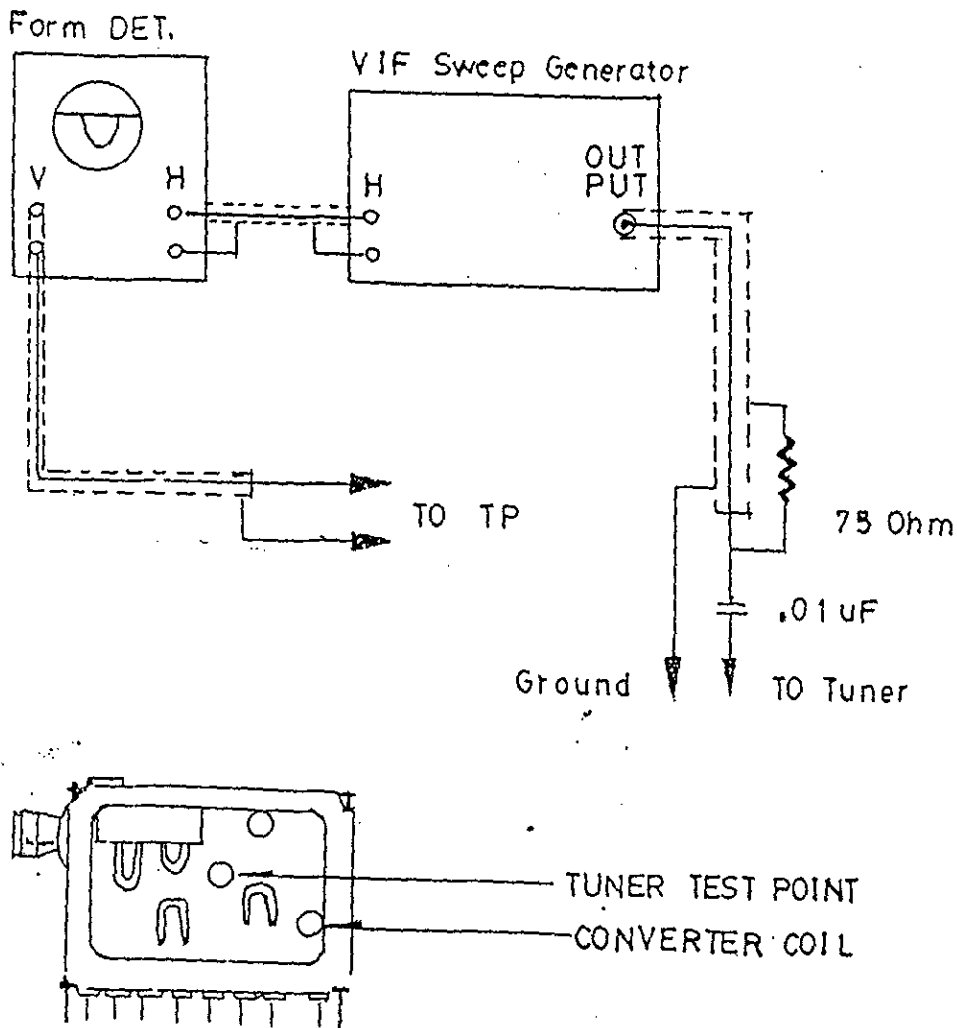


Fig.1

B. Tank Coil Alignment Step (See Fig. 2)

- (i) Calibrate the Division of waveform Detector equal to 100mv per div.
- (ii) The output of sweep generator should be 50dB.
- (iii) Connect TP001 to Ground.
- (iv) Adjust AGC bias until the output waveform equal to 4V p.p.

(10 div.)

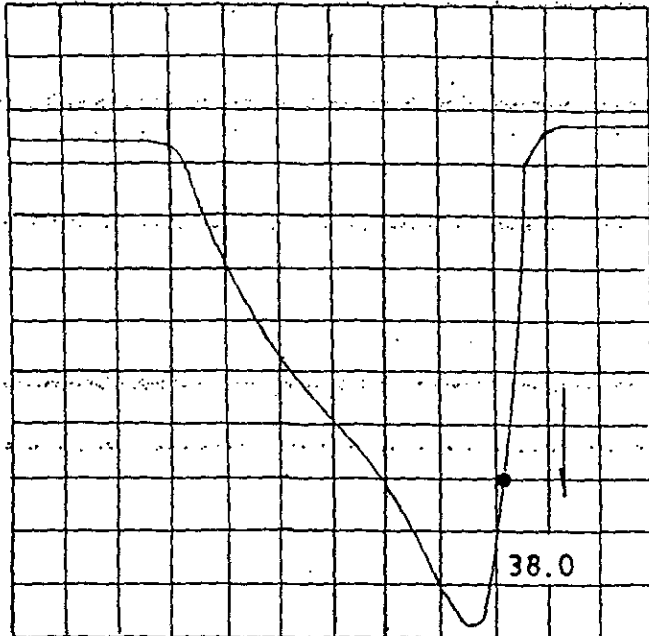


Fig . 2

- (v) Turn T101 until the marker 38.0 MHz falls to the lowest point as Fig. 2.

C. VIF ALIGNMENT

- (i) Connect 100 ohm resistor between TP103 and TP104.
- (ii) Adjust T104 until obtain the maximum waveform amplitude. (If provided)
- (iii) Adjust AGC bias, and maintain the waveform achieve 1V pp.
- (iv) Adjust tuner convertor coil, and obtain the waveform as Fig. 3.

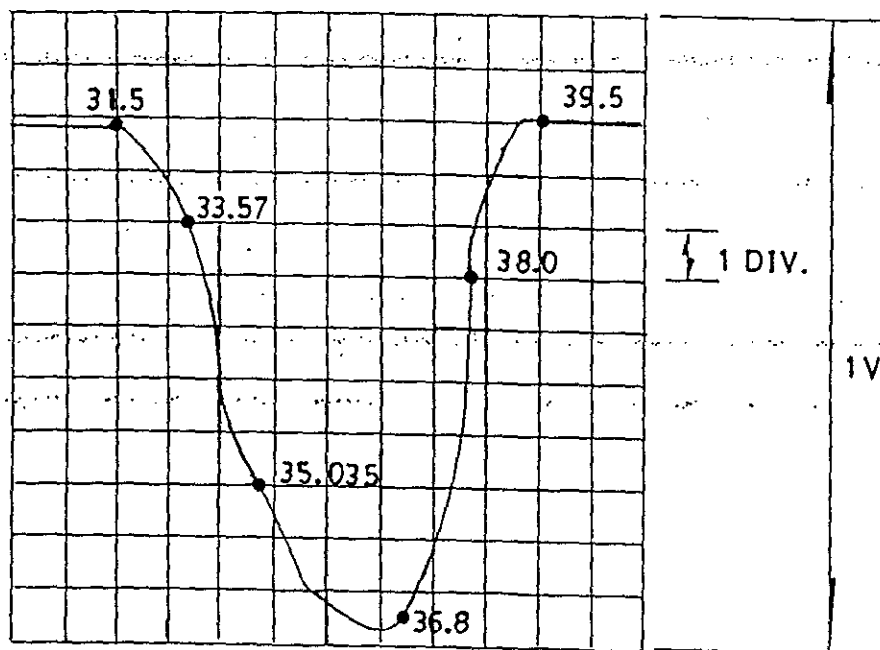


Fig. 3

D. AFC Alignment

- (i) Remove the 100 ohm resistor from TP103 and TP104.
- (ii) Connect the waveform detector to TP102. The output of sweep generator should be -40dB.
- (iii) Adjust AGC bias to 5V.
- (iv) Adjust T103 to obtain waveform as Fig. 4.

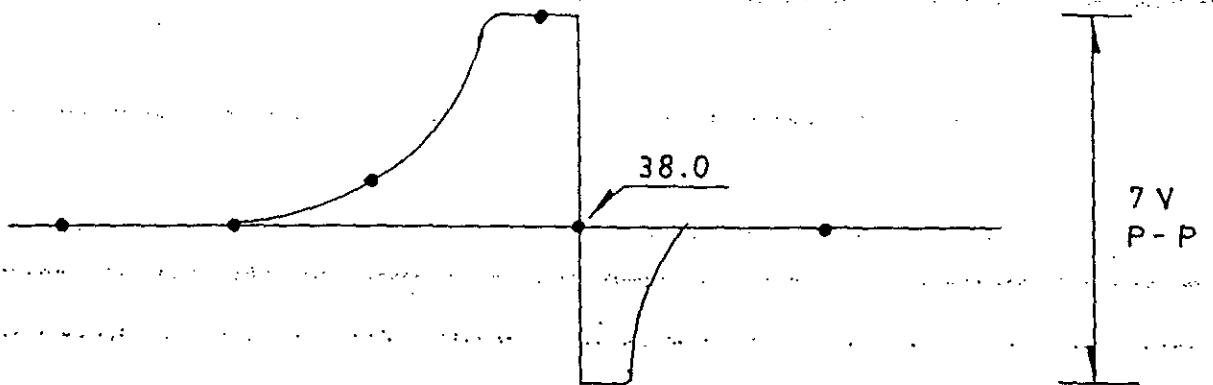
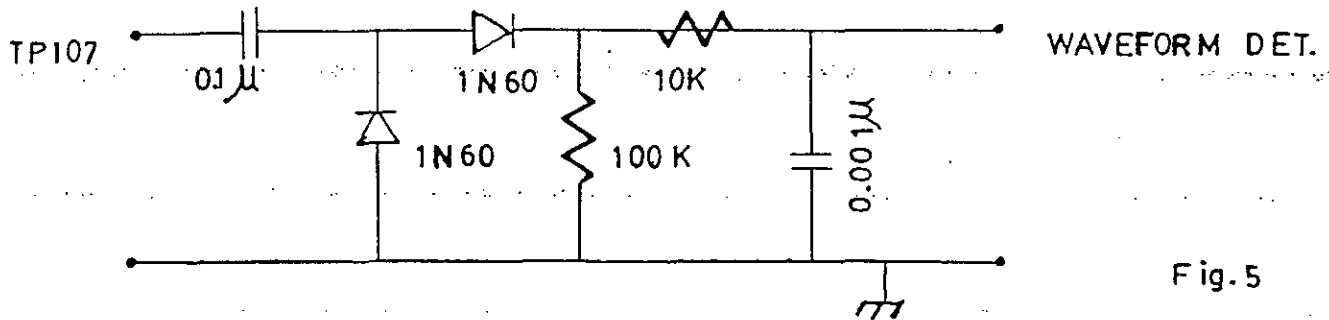


Fig.4

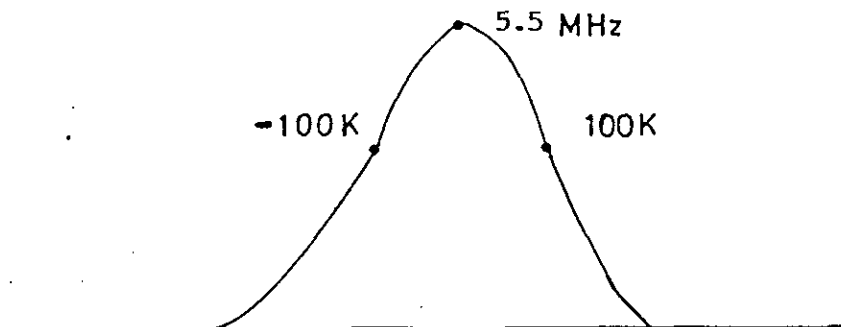
SIF Alignment

MIXER Alignment

- (i) Connect the sound IF sweep generator to TP 105.
- (ii) Connect the circuit as Fig.5 to TP107 and waveform detector.



- (iii) Adjust the sweep generator output to obtain a maximum amplitude:
- (iv) Adjust T221 to obtain the waveform as Fig.6.



E. SIF Alignment

- (i) Connect the sweep generator to TP105.
- (ii) Connect waveform detect to TP106.
- (iii) The output of sweep generator should be -50dB.
- (iv) Adjust T105 to obtain the waveform as Fig.7.

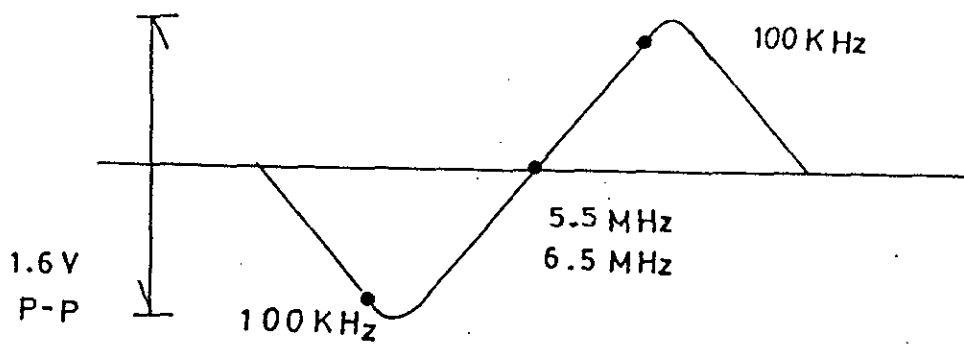


Fig.7

B+ ADJUSTMENT

- 1) Connect a digital volt meter to TPB+ and ground.
- 2) Set Brightness, contrast and colour to maximum.
- 3) Adjust VR901 and obtain a reading of 112V.

HORIZONTAL CIRCUIT ADJUSTMENT

- 1) Receive Monoscope Pattern input signal 80dBuV.
- 2) Connect terminal TP305 and the earth with the short Jumper wire.
- 3) Adjust VR304 to obtain the picture running at center.
- 4) Adjust VR303 to obtain the picture at center.

VERTICAL CIRCUIT ADJUSTMENT

- 1) Receive the Monoscope Pattern.
- 2) Adjust V-size (VR301) to obtain a normal picture.

WHITE BALANCE ALIGNMENT STEP

(deguss the picture by deguassing coil if necessary)

- 1) Turn the brightness, contrast and picture control to minimum value.
- 2) Turn VR501, 503, 505 to middle position. Turn VR502, 504 to minimum position.
- 3) Turn VR306 to middle position.
- 4) Receive a black and white pattern.
- 5) Set S301 to service position.
- 6) Turn off the screen voltage.
- 7) Turn on the screen control volume on flyback transformer, & a horizontal red line appears.
- 8) Adjust VR502 to obtain a yellow line.
- 9) Adjust VR504 to obtain a white line.
- 10) Set S301 to normal position.
- 11) Adjust VR503, 505 to make the picture uniformly white. (9300°K)

SUB-BRIGHTNESS ALIGNMENT

- 1) Receive a colour bar pattern.
- 2) Turn the brightness, contrast and colour to minimum.
- 3) Adjust VR306 until the brightest bar can just be seen.

FOCUS ALIGNMENT

- 1) Set the brightness and contrast to middle position.
- 2) Receive a monoscope pattern.
- 3) Adjust focus control to obtain sharpest picture.

AGC ALIGNMENT

- 1) Receive CH69 (UHF) and input field strength in 63dB \pm 3dB input.
- 2) Adjust VR101 to the point where noise is disappeared.

PAL COLOUR ALIGNMENT

- (1) Receive Philips Pattern.
- (2) Connect Oscilloscope to TP303
- (3) Set the service switch (S301) to service position.
- (4) Set color control to maximum position.
- (5) Adjust T301, 302 and VR305 to obtain the waveform as Fig.6.

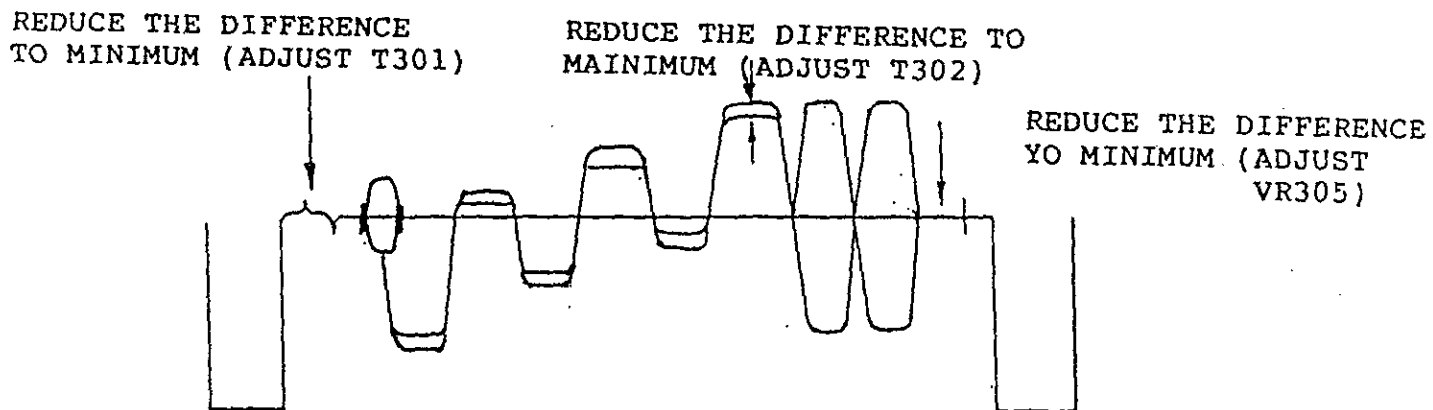


Fig.6

COLOR SYNC. ADJUSTMENT

- (1) Receive Philips pattern and warm up for five minutes.
- (2) Connect terminal TP302 and the earth with the short Jumper wire.
- (3) Connect the TP306 and TP301 with 10K OHM resistor so that the color killer turns off.
- (4) Then the color stripes appear on the screen when the adjustment is inconnect. Adjust the color sync (CT301) so that the PHILIPS pattern stands still.
- (5) Remove the 10K ohm resistor and jumper wire.

SECAM COLOUR ALIGNMENT

A. Bell filter alignment

- (i) Receive secam color bar pattern.
- (ii) Connect oscilloscope to TP804.
- (iii) Turn T804 to obtain waveform as Fig.7.

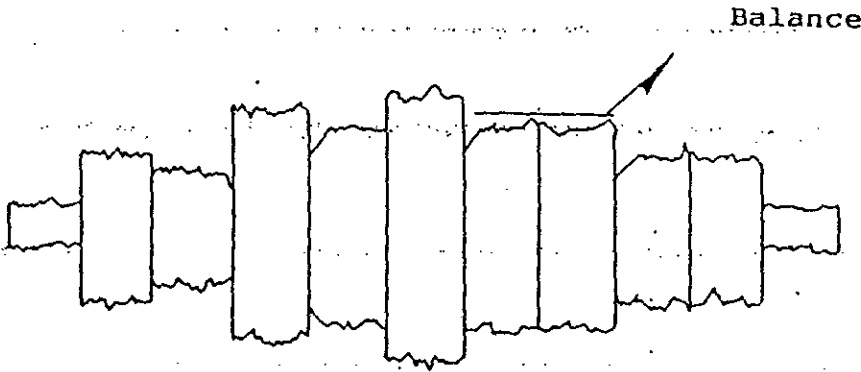


Fig.7

C. Secam Colour Killer Alignment

- (i) Receive secam colour Bar signal.
- (ii) Connect a DC digital meter to IC801 pin 26.
- (iii) Tune T803 to obtain a maximum voltage.

B. Discriminator alignment

- (1) Receive secam colour Bar signal.
- (2) Connect the osillascop to TP803.
- (3) Turn T801 to obtain the Fig.8.

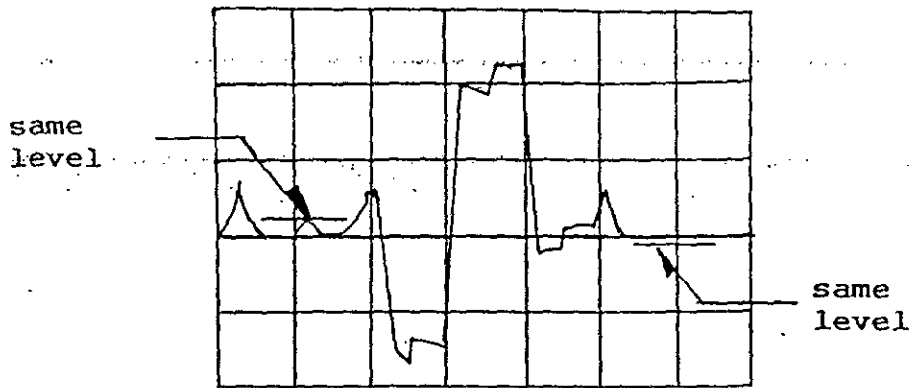


Fig.8

- (4) Connet the osillascop to TP802..
- (5) Turn T802 to obtain Fig.9.

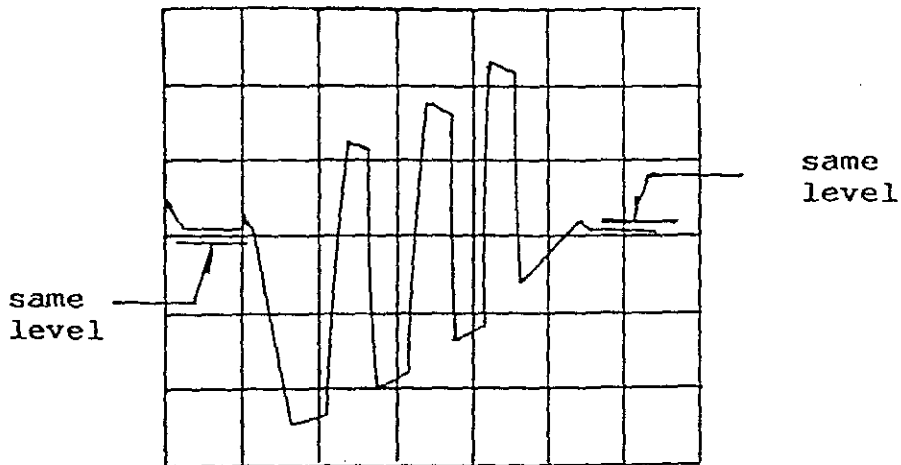


Fig.9

| VOLTAGE TABLE FOR IC | | | | | | |
|----------------------|-------|-------|-------|-------|-------|-------|
| SYMBOL PIN NO. | IC201 | IC202 | IC401 | IC701 | IC801 | |
| | (V) | (V) | (V) | (V) | PAL | SECAM |
| 1 | 8 | 9.5 | GEN | GEN | 2.9 | 2.9 |
| 2 | 15.9 | 4.6 | 13.2 | GEN | 5.9 | 6 |
| 3 | 15.3 | 4.5 | 24.2 | 3 | GEN | GEN |
| 4 | 0.3 | GEN | 0.9 | 0 | 0 | 2.8 |
| 5 | 0.4 | 3.9 | 0.7 | 3 | 5.9 | 5.8 |
| 6 | 3.3 | 9.5 | 23.7 | 0 | 5.1 | 4 |
| 7 | 3.2 | 7.2 | 1.7 | 3 | 2.5 | 2.5 |
| 8 | 3.2 | | | 3 | 8.1 | 8.2 |
| 9 | GEN | | | 3 | 11.8 | 11.8 |
| 10 | GEN | | | 3 | 5.1 | 4.3 |
| 11 | GEN | | | NC | 2.5 | 2.5 |
| 12 | GEN | | | 0 | 6 | 8 |
| 13 | GEN | | | 0 | 11.8 | 11.8 |
| 14 | GEN | | | 0 | 2.8 | 2.8 |
| 15 | GEN | | | 0 | 2.8 | 2.8 |
| 16 | GEN | | | 0 | 2.8 | 2.8 |
| 17 | | | | 0 | 2.8 | 2.8 |
| 18 | | | | 0 | 7.1 | 7.1 |
| 19 | | | | 0 | 3.8 | 3.8 |
| 20 | | | | 3 | 7.1 | 7.1 |
| 21 | | | | | 3.8 | 3.8 |
| 22 | | | | | 7.1 | 7.1 |
| 23 | | | | | 3.8 | 3.8 |
| 24 | | | | | GEN | GEN |
| 25 | | | | | 2.9 | 2.9 |
| 26 | | | | | 0.7 | 9.8 |
| 27 | | | | | 1.3 | 5.9 |
| 28 | | | | | 4.9 | 5.9 |
| 29 | | | | | 4.2 | 5.3 |
| 30 | | | | | 0.3 | 0.3 |

NOTE : VOLTAGE ARE TAKEN UNDER TUNED CONDITION WITH

CONTRAST : Maximum Position
 BRIGHTNESS : Maximum Position
 COLOR : Maximum Position
 SIGNAL INPUT : 80 dBuV
 CHANNEL SETTING : The Last Channel of UHF High
 SIGNAL PATTERN : Colour Bar

REMARK : IC202 FOR D/K USED.

GT-571/94

Print Date : 26/11/94

Page Number : 1

<< B.O.M. PRICE LIST FOR CUSTOMER >> - CURRENCY (USD)

PRODUCT CODE : 882074-400003-GT

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| ASSEMBLY NUMBER | DESCRIPTION |
|------------------|--|
| 155-000100-01-00 | COMMON PART FOR HANDSET ASS'Y |
| 155-000100-01-06 | NON-COM PART FOR HANDSET ASS'Y (30 PROG) |
| 158-882074-40-00 | COMMON PART FOR CHASSIS ASS'Y (BG) |
| 158-882074-40-02 | COM PART CHASSIS ASS'Y NEW ZEALAND TUNER |
| 159-882074-40-00 | COMMON PART FOR CASING ASS'Y (BG) |
| 159-882074-40-04 | NON-COMMON PART FOR CASING ASS'Y (M.BLK) |
| 163-882074-40-04 | NON-COMMON PART FOR PACKING ASS'Y (BG) |

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Page Number : 2

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|---|--|------|------|-------------------|------------|--------|
| *** ASSEMBLY : 155-000100-01-00 COMMON PART FOR HANDSET ASS'Y | | | | | | |
| 107-800455-46 | 455K HZ RESONATOR CSB455EB MURATA CF701 | PC | 0 | 1.00000 | .1980 | .1980 |
| 113-109005-17 | CARBON FILM RESISTOR 1 OHM 1/16W +-5% R704 | PC | 0 | 1.00000 | .0044 | .0044 |
| 113-223005-17 | CARBON FILM RESISTOR 22K OHM 1/16W +-5% R703 | PC | 0 | 1.00000 | .0044 | .0044 |
| 113-332005-17 | CARBON FILM RESISTOR 3.3K OHM 1/16W +-5% R701 | PC | 0 | 1.00000 | .0044 | .0044 |
| 113-470005-17 | CARBON FILM RESISTOR 47 OHM 1/16W +-5% R702 | PC | 0 | 1.00000 | .0044 | .0044 |
| 123-101350-50 | CERAMIC CAP. 100 PF 50V +-10% (SL TYPE) C701,702,703 | PC | 0 | 3.00000 | .0098 | .0294 |
| 127-106042-03 | ELECT. CAP. 10 MFD 16V +-20% C704 | PC | 0 | 1.00000 | .0240 | .0240 |
| 130-134148-01 | SILICON DIODE IN4148 D701,702,703,704,705,706,707 | PC | 0 | 7.00000 | .0092 | .0646 |
| 130-600101-00 | INFRARED EMITTER EL-1L1 KODENSHI LED 701 | PC | 0 | 1.00000 | .1340 | .1340 |
| 131-230945-00 | TRANSISTOR 2SC945 NEC Q701 | PC | 0 | 1.00000 | .0417 | .0417 |
| 131-232001-00 | TRANSISTOR 2SC2001L NEC Q702 | PC | 0 | 1.00000 | .0491 | .0491 |
| 133-350560-12 | IC M50560 MITSUBISHI IC701 | PC | 0 | 1.00000 | .9824 | .9824 |
| 172-826006-42 | UL 1007 TOP COAT WIRE AWG 26 60MM RED 10 X 10 MM FROM REMOTE PCB '+' TO BATTERY CONTACT PLATE '+' | PC | 0 | 1.00000 | .0017 | .0017 |
| 172-826008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM FROM REMOTE PCB '-' TO BATTERY CONTACT PLATE '-' | PC | 0 | 1.00000 | .0022 | .0022 |
| 190-921303-00 | REMOTE P.C.B. (120592) | PC | 0 | 1.00000 | .2615 | .2615 |
| 773-921301-00 | BATTERY CONTACT PLATE (+) | | 0 | 1.00000 | .0173 | .0173 |
| 773-921302-00 | BATTERY CONTACT PLATE (-) | | 0 | 1.00000 | .0192 | .0192 |
| 773-921303-00 | BATTERY CONTACT PLATE (+VE,-VE) W/NICKEL PLATING | | 0 | 1.00000 | .0327 | .0327 |
| 964-921301-01 | SENSOR LENS | | 0 | 1.00000 | .0281 | .0281 |

ASSB PRICE : 1.9036

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Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 3

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|--|------|------|-------------------|------------|--------|
| *** ASSEMBLY : 155-000100-01-06 NON-COM PART FOR HANDSET ASS'Y (30 PROG) | | | | | | |
| 514-260410-00 | SELF-TAPPING SCREW 2.6 X 10 B/T (HARDEN) CAB. MTG. | PC | 0 | 1.00000 | .0027 | .0027 |
| 849-921302-00 | CONTACT RUBBER KEY PAD (24 KEYS) | | 0 | 1.00000 | .3880 | .3880 |
| 892-921302-01 | DIAL KEY PLATE - CLEAR W/BLK, WHI,D.GR,L.GREEN ENG (24 KEY) | | 0 | 1.00000 | .1462 | .1462 |
| 900-921310-11 | HANDSET TOP CAB.- BLACK W/TEACDESIGN "RC-533 R/CONTROL UNIT" | | 0 | 1.00000 | .2019 | .2019 |
| 902-921310-01 | HANDSET BOTTOM CABINET - BLACKMOULDED | | 0 | 1.00000 | .1077 | .1077 |
| 910-921301-01 | BATTERY DOOR | | 0 | 1.00000 | .0321 | .0321 |
| ASSB PRICE : | | | | | | .8786 |

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Print Date : 26/11/84

PRODUCT CODE : 882074-400003-GT

Page Number : 4

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|---|------|------|-------------------|------------|--------|
| *** ASSEMBLY : 158-882074-40-00 COMMON PART FOR CHASSIS ASS'Y (BG) | | | | | | |
| 001-220027-07 | FLYBACK TRANSFORMER FCM20B027 SAMSUNG T402 | PC | 0 | 1.00000 | 7.0702 | 7.0702 |
| 012-102340-06 | SEMI-FIXED RESISTOR EVND8AA 03B13 1KB VR901,305 | PC | 0 | 2.00000 | .0529 | .1058 |
| 012-103330-06 | SEMI-FIXED RESISTOR EVND 2AA 03B14 10KB VR504,502,501 | PC | 0 | 3.00000 | .0587 | .1760 |
| 012-103340-06 | SEMI-FIXED RESISTOR EVND8AA 03B14 10KB VR304 | PC | 0 | 1.00000 | .0529 | .0529 |
| 012-104340-06 | SEMI-FIXED RESISTOR EVND8AA 03B15 100KB VR306,308 | PC | 0 | 2.00000 | .0558 | .1115 |
| 012-203340-06 | SEMI-FIXED RESISTOR EVND8AA 03B24 20KB VR301 | PC | 0 | 1.00000 | .0529 | .0529 |
| 012-301330-06 | SEMI-FIXED RESISTOR EVND2AA 03B32 300B VR505,503 | PC | 0 | 2.00000 | .0587 | .1173 |
| 012-501340-06 | SEMI-FIXED RESISTOR EVND 8AA 03B52 500B VR303 | PC | 0 | 1.00000 | .0529 | .0529 |
| 012-502340-06 | SEMI-FIXED RESISTOR EVND8AA 03B53 5KB VR101,601 | PC | 0 | 2.00000 | .0529 | .1058 |
| 013-100001-02 | GLASS DELAY LINE (ADVANCE MOTION/WEI HAW YCS-EN645A11) DLY302 | PC | 0 | 1.00000 | .9481 | .9481 |
| 013-200005-00 | Y-DELAY LINE YBL50F18X DLY301 | PC | 0 | 1.00000 | .4346 | .4346 |
| 101-190710-96 | HORIZONTAL DRIVE TRANSFORMER R0710 T401 | PC | 0 | 1.00000 | .2885 | .2885 |
| 101-288820-95 | LINE FILTER 70MH L901 | PC | 0 | 1.00000 | .7308 | .7308 |
| 101-414025-94 | SWITCHING POWER TRANSFORMER (HL4025B) T901 | PC | 0 | 1.00000 | 2.0769 | 2.0769 |
| 102-370600-02 | TANK COIL / AFC COIL COILS 707851 T103,101 | PC | 0 | 2.00000 | .1000 | .2000 |
| 102-670100-02 | SOUND IF COILS 707532 T102 | PC | 0 | 1.00000 | .1000 | .1000 |
| 102-770220-02 | PAL COLOR DELAY LINE MATCHING COILS 800856 T302 | PC | 0 | 1.00000 | .0865 | .0865 |
| 102-770800-02 | DOSC COIL. COILS 707932 T301 | PC | 0 | 1.00000 | .1000 | .1000 |
| 105-100101-02 | FIXED INDUCTIVE COIL 10UH +-10% L104,303 | PC | 0 | 2.00000 | .0458 | .0917 |
| 105-100103-02 | FIXED INDUCTIVE COIL 10UH +-10% AXIAL TYPE L105 | PC | 0 | 1.00000 | .0342 | .0342 |
| 105-201106-02 | CHOKE COIL 200UH 10% CH9012- 201K (ELEC PRODUCT) L903 | PC | 0 | 1.00000 | .1682 | .1682 |
| 105-220101-02 | FIXED INDUCTIVE COIL 22UH 10% L221 | PC | 0 | 1.00000 | .0458 | .0458 |
| 105-330101-02 | FIXED INDUCTIVE COIL 33UH +-10% L301,302 | PC | 0 | 2.00000 | .0458 | .0917 |
| 105-331101-02 | FIXED INDUCTIVE COIL 330UH +-10% L501 | PC | 0 | 1.00000 | .0342 | .0342 |

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|----------------|--|------|------|-------------------|------------|--------|
| 105-568101-02 | FIXED INDUCTIVE COIL 5.6UH +-10% L103 | PC | 0 | 1.00000 | .0231 | .0231 |
| 105-650052-13 | LINEARITY COIL 65UH FOR 20" L401 | PC | 0 | 1.00000 | .3423 | .3423 |
| 105-828103-02 | FIXED INDUCTIVE COIL 0.82UH 10% AXIAL TYPE L101 | PC | 0 | 1.00000 | .0342 | .0342 |
| 106-210012-01 | RELAY 12V OMIT-SS-112LM ORIGINAL RLY901 | PC | 0 | 1.00000 | 1.0125 | 1.0125 |
| 107-804000-66 | 4 MHZ RESONATOR CSA4.00MG MURATA X601 | PC | 0 | 1.00000 | .1980 | .1980 |
| 111-204201-23 | VERIABLE RESISTOR 200K (EVUD2AE20B25 MATSUSHITA) VR302 | PC | 0 | 1.00000 | .2115 | .2115 |
| 113-100105-17 | CARBON FILM RESISTOR 10 OHM 1/4W +-5% R642,643,607,104 | PC | 0 | 4.00000 | .0028 | .0112 |
| 113-101105-17 | CARBON FILM RESISTOR 100 OHM 1/4W +-5% R608,609,610,611,612,613 | PC | 0 | 6.00000 | .0030 | .0179 |
| 113-101205-12 | CARBON FILM RESISTOR 100 OHM 1/2W +-5% R651 | PC | 0 | 1.00000 | .0062 | .0062 |
| 113-102105-17 | CARBON FILM RESISTOR 1K OHM 1/4W +-5% R348,306,602,652,102,111,107,137,333,372,004 | PC | 0 | 11.00000 | .0028 | .0307 |
| 113-102105-17 | CARBON FILM RESISTOR 1K OHM 1/4W +-5% R406,382 | PC | 0 | 2.00000 | .0028 | .0056 |
| 113-102305-75 | METAL OXIDE FILM RESISTOR 1K OHM 1W +-5% R410,408 | PC | 0 | 2.00000 | .0192 | .0384 |
| 113-103105-17 | CARBON FILM RESISTOR 10K OHM 1/4W +-5% R418,908,136,114,203, | PC | 0 | 5.00000 | .0030 | .0149 |
| 113-103105-17 | CARBON FILM RESISTOR 10K OHM 1/4W +-5% R631,635,639,640,645,655,654,657,636,638 | PC | 0 | 10.00000 | .0030 | .0298 |
| 113-103105-17 | CARBON FILM RESISTOR 10K OHM 1/4W +-5% R127,314,606,005,010,013,014,627,628,629,630 | PC | 0 | 11.00000 | .0030 | .0328 |
| 113-104105-17 | CARBON FILM RESISTOR 100K OHM 1/4W +-5% R140,309,601,603,338,357 | PC | 0 | 6.00000 | .0028 | .0167 |
| 113-104305-75 | METAL OXIDE FILM RESISTOR 100KOHM 1W +-5% R921 | PC | 0 | 1.00000 | .0192 | .0192 |
| 113-109105-17 | CARBON FILM RESISTOR 1 OHM 1/4W +-5% R206 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-120305-75 | METAL OXIDE FILM RESISTOR 12 OHM 1W +-5% R911 | PC | 0 | 1.00000 | .0192 | .0192 |
| 113-120405-75 | METAL OXIDE FILM RESISTOR 12 OHM 2W +-5% R920 | PC | 0 | 1.00000 | .0240 | .0240 |
| 113-121105-17 | CARBON FILM RESISTOR 120 OHM 1/4W +-5% R507 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-122105-17 | CARBON FILM RESISTOR 1.2K OHM 1/4W +-5% R509,604,646 | PC | 0 | 3.00000 | .0028 | .0084 |
| 113-123105-17 | CARBON FILM RESISTOR 12K OHM 1/4W +-5% R301 | PC | 0 | 1.00000 | .0030 | .0030 |
| 113-124105-17 | CARBON FILM RESISTOR 120K OHM 1/4W +-5% R670 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-151105-17 | CARBON FILM RESISTOR 150 OHM 1/4W +-5% R503,506,510,513,517,142,109 | PC | 0 | 7.00000 | .0028 | .0195 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 6

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|--------|
| 113-151205-12 | CARBON FILM RESISTOR 150 OHM 1/2W +-5% R922 | PC | 0 | 1.00000 | .0052 | .0052 |
| 113-152105-17 | CARBON FILM RESISTOR 1.5K OHM 1/4W +-5% R349,334,350,352 | PC | 0 | 4.00000 | .0030 | .0119 |
| 113-153105-17 | CARBON FILM RESISTOR 15K OHM 1/4W +-5% R106,313,329,402,401,364,647,648 | PC | 0 | 8.00000 | .0030 | .0238 |
| 113-153405-75 | METAL OXIDE FILM RESISTOR 15K OHM 2W +-5% R508,514,518 | PC | 0 | 3.00000 | .0240 | .0719 |
| 113-154105-17 | CARBON FILM RESISTOR 150K OHM 1/4W +-5% R130 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-154205-12 | CARBON FILM RESISTOR 150K OHM 1/2W +-5% R415 | PC | 0 | 1.00000 | .0062 | .0062 |
| 113-159405-42 | NON-FLAMMABLE FUSE RESISTOR 1.5 OHM 2W +-5% R501 | PC | 0 | 1.00000 | .0731 | .0731 |
| 113-182105-17 | CARBON FILM RESISTOR 1.8K OHM 1/4W +-5% R907,126,124 | PC | 0 | 3.00000 | .0032 | .0097 |
| 113-184105-17 | CARBON FILM RESISTOR 180K OHM 1/4W +-5% R369 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-202805-75 | METAL OXIDE FILM RESISTOR 2K OHM 5W +-5% R413 | PC | 0 | 1.00000 | .1154 | .1154 |
| 113-204105-17 | CARBON FILM RESISTOR 200K OHM 1/4W +-5% R322 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-221105-17 | CARBON FILM RESISTOR 220 OHM 1/4W +-5% R110,343,347 | PC | 0 | 3.00000 | .0028 | .0084 |
| 113-222105-17 | CARBON FILM RESISTOR 2.2K OHM 1/4W +-5% R504,512,516,201,345,132,125,145,319,327,649,015 | PC | 0 | 12.00000 | .0030 | .0358 |
| 113-223105-17 | CARBON FILM RESISTOR 22K OHM 1/4W +-5% R370,011,012,411,650,122,605,615,105,616,617,618 | PC | 0 | 12.00000 | .0028 | .0335 |
| 113-223105-17 | CARBON FILM RESISTOR 22K OHM 1/4W +-5% R619,620,621,622,623,624,625,302,653,326,307 | PC | 0 | 11.00000 | .0028 | .0307 |
| 113-229305-42 | NON-FLAMMABLE FUSING RESISTOR 2.2 OHM 1W +-5% R409 | PC | 0 | 1.00000 | .0587 | .0587 |
| 113-229305-72 | METAL OXIDE FILM RESISTOR 2.2 OHM 1W +-5% R205 | PC | 0 | 1.00000 | .0192 | .0192 |
| 113-229405-75 | METAL OXIDE FILM RESISTOR 2.2 OHM 2W +-5% R902 | PC | 0 | 1.00000 | .0240 | .0240 |
| 113-229605-51 | WIRE WOUND CEMENT RESISTOR 2.2 OHM 5W +-5% R901 | PC | 0 | 1.00000 | .1654 | .1654 |
| 113-243105-17 | CARBON FILM RESISTOR 24K OHM 1/4W +-5% R403 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-270105-17 | CARBON FILM RESISTOR 27 OHM 1/4W +-5% R108 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-270405-75 | METAL OXIDE FILM RESISTOR 27 OHM 2W +-5% R912 | PC | 0 | 1.00000 | .0240 | .0240 |
| 113-271105-17 | CARBON FILM RESISTOR 270 OHM 1/4W +-5% R207 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-272105-17 | CARBON FILM RESISTOR 2.7K OHM 1/4W +-5% R328,380,379,378,006,009 | PC | 0 | 6.00000 | .0030 | .0179 |
| 113-272205-12 | CARBON FILM RESISTOR 2.7K OHM 1/2W +-5% R519,520,521,412,407 | PC | 0 | 5.00000 | .0062 | .0308 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 7

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|--------|
| 113-274105-17 | CARBON FILM RESISTOR 270K OHM 1/4W +-5% R320 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-330105-17 | CARBON FILM RESISTOR 33 OHM 1/4W +-5% R374 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-331105-17 | CARBON FILM RESISTOR 330 OHM 1/4W +-5% R905,373,141,332,375,341,335,381 | PC | 0 | 8.00000 | .0030 | .0238 |
| 113-332102-17 | CARBON FILM RESISTOR 3.3K OHM 1/4W +-2% R904 | PC | 0 | 1.00000 | .0052 | .0052 |
| 113-332105-17 | CARBON FILM RESISTOR 3.3K OHM 1/4W +-5% R505,515,511,131 | PC | 0 | 4.00000 | .0028 | .0112 |
| 113-333105-17 | CARBON FILM RESISTOR 33K OHM 1/4W +-5% R116,641,355,360,361,003,637,112,113,117,118, | PC | 0 | 13.00000 | .0028 | .0363 |
| 113-333105-17 | CARBON FILM RESISTOR 33K OHM 1/4W +-5% R103,644 | PC | 0 | 2.00000 | .0028 | .0056 |
| 113-334105-17 | CARBON FILM RESISTOR 330K OHM 1/4W +-5% R365,626 | PC | 0 | 2.00000 | .0028 | .0056 |
| 113-334305-75 | METAL OXIDE FILM RESISTOR 330KOHM 1W +-5% R913 | PC | 0 | 1.00000 | .0192 | .0192 |
| 113-338405-75 | METAL OXIDE FILM RESISTOR 0.330HM 2W +-5% R914 | PC | 0 | 1.00000 | .0240 | .0240 |
| 113-390605-75 | METAL OXIDE FILM RESISTOR 39 OHM 5W +-5% R915 | PC | 0 | 1.00000 | .1154 | .1154 |
| 113-392105-17 | CARBON FILM RESISTOR 3.9K OHM 1/4W +-5% R336,371,376,101,315,324 | PC | 0 | 6.00000 | .0028 | .0167 |
| 113-393105-17 | CARBON FILM RESISTOR 39K OHM 1/4W +-5% R337,353 | PC | 0 | 2.00000 | .0030 | .0060 |
| 113-470105-17 | CARBON FILM RESISTOR 47 OHM 1/4W +-5% R419 | PC | 0 | 1.00000 | .0030 | .0030 |
| 113-471105-17 | CARBON FILM RESISTOR 470 OHM 1/4W +-5% R147,340,356,007,311 | PC | 0 | 5.00000 | .0028 | .0139 |
| 113-472105-17 | CARBON FILM RESISTOR 4.7K OHM 1/4W +-5% R910,016,133 | PC | 0 | 3.00000 | .0030 | .0089 |
| 113-473105-17 | CARBON FILM RESISTOR 47K OHM 1/4W +-5% R632,633,404,150,148,383 | PC | 0 | 6.00000 | .0030 | .0179 |
| 113-479205-12 | CARBON FILM RESISTOR 4.7 OHM 1/2W +-5% R139 | PC | 0 | 1.00000 | .0062 | .0062 |
| 113-562105-17 | CARBON FILM RESISTOR 5.6K OHM 1/4W +-5% R502,115,138,318,377,202,208,204,008 | PC | 0 | 9.00000 | .0028 | .0251 |
| 113-563105-17 | CARBON FILM RESISTOR 56K OHM 1/4W +-5% R316,002,656,321 | PC | 0 | 4.00000 | .0028 | .0112 |
| 113-564105-17 | CARBON FILM RESISTOR 560K OHM 1/4W +-5% R317 | PC | 0 | 1.00000 | .0030 | .0030 |
| 113-565205-92 | CARBON COMPOSITION RESISTOR 5.6M 1/2W +-5% R916,917 | PC | 0 | 2.00000 | .0663 | .1327 |
| 113-529505-75 | METAL OXIDE FILM RESISTOR 5.2 OHM 3W +-5% R414 | PC | 0 | 1.00000 | .0510 | .0510 |
| 113-680105-17 | CARBON FILM RESISTOR 68 OHM 1/4W +-5% R331 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-681105-17 | CARBON FILM RESISTOR 680 OHM 1/4W +-5% R325,362.363,359 | PC | 0 | 4.00000 | .0030 | .0119 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 8

DESCRIPTION : 8820/GT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 113-681205-12 | CARBON FILM RESISTOR 680 OHM 1/2W +-5% R342 | PC | 0 | 1.00000 | .0062 | .0062 |
| 113-682102-17 | CARBON FILM RESISTOR 6.8K OHM 1/4W +-2% R903 | PC | 0 | 1.00000 | .0052 | .0052 |
| 113-682105-17 | CARBON FILM RESISTOR 6.8K OHM 1/4W +-5% R909,367,405,634 | PC | 0 | 4.00000 | .0028 | .0112 |
| 113-682605-75 | METAL OXIDE FILM RESISTOR 6.8KOHM 5W +-5% R330 | PC | 0 | 1.00000 | .1154 | .1154 |
| 113-683105-17 | CARBON FILM RESISTOR 68K OHM 1/4W +-5% R323,658,128,366,C632 | PC | 0 | 5.00000 | .0028 | .0139 |
| 113-684105-17 | CARBON FILM RESISTOR 680K OHM 1/4W +-5% R312 | PC | 0 | 1.00000 | .0063 | .0063 |
| 113-688205-42 | FUSING RESISTOR 0.68 OHM 1/2W +-5% R919 | PC | 0 | 1.00000 | .0462 | .0462 |
| 113-688305-42 | FUSING RESISTOR 0.68 OHM 1W +-5% R416,417,918 | PC | 0 | 3.00000 | .0587 | .1760 |
| 113-820105-17 | CARBON FILM RESISTOR 82 OHM 1/4W +-5% R120 | PC | 0 | 1.00000 | .0028 | .0028 |
| 113-821105-17 | CARBON FILM RESISTOR 820 OHM 1/4W +-5% R144,339,358,344,001 | PC | 0 | 5.00000 | .0028 | .0139 |
| 113-822105-17 | CARBON FILM RESISTOR 8.2K OHM 1/4W +-5% R906,310,614 | PC | 0 | 3.00000 | .0030 | .0089 |
| 113-822405-75 | METAL OXIDE FILM RESISTOR 8.2KOHM 2W +-5% R123 | PC | 0 | 1.00000 | .0240 | .0240 |
| 113-823105-17 | CARBON FILM RESISTOR 82K OHM 1/4W +-5% R354,351,303 | PC | 0 | 3.00000 | .0028 | .0084 |
| 113-824105-17 | CARBON FILM RESISTOR 820K OHM 1/4W +-5% R129 | PC | 0 | 1.00000 | .0028 | .0028 |
| 114-210200-01 | THERMISTOR (NICHICON ZPB53 BL 200C) TH901 | PC | 0 | 1.00000 | .4231 | .4231 |
| 122-300101-03 | TRIMMER CAP. 30 PF CTC-6U-030 CT301 | PC | 0 | 1.00000 | .1154 | .1154 |
| 123-100340-60 | CERAMIC CAP. 10PF +-5% 50V (SL TYPE) C326 | PC | 0 | 1.00000 | .0098 | .0098 |
| 123-100340-93 | CERAMIC CAP. 10 PF 50V +-5% (NPO) C331 | PC | 0 | 1.00000 | .0144 | .0144 |
| 123-101350-60 | CERAMIC CAP. 100 PF 50V +-10% (SL TYPE) C344,620,621 | PC | 0 | 3.00000 | .0098 | .0294 |
| 123-102350-90 | CERAMIC CAP. 0.001 MFD 50V +-10% (B TYPE) C502,505,507,130 | PC | 0 | 4.00000 | .0106 | .0423 |
| 123-102850-10 | CERAMIC CAP. 0.001 MFD 2KV +-10% MATSUSHITA C508 | PC | 0 | 1.00000 | .1385 | .1385 |
| 123-103370-90 | CERAMIC CAP. 0.01 MFD 50V +80 -20% C105,111,113,126,131,120,124,129,136,137,141,134 | PC | 0 | 12.00000 | .0098 | .1177 |
| 123-103370-90 | CERAMIC CAP. 0.01 MFD 50V +80 -20% C320,626,628,313,321,323,324,348,611,614,201,351 | PC | 0 | 12.00000 | .0098 | .1177 |
| 123-104270-90 | CERAMIC CAP. 0.1 MFD 25V +80 -20% C619 | PC | 0 | 1.00000 | .0335 | .0335 |
| 123-122551-90 | CERAMIC CAP. 0.0012 MFD 500V +-10% (B TYPE) MATSUSHITA C416 | PC | 0 | 1.00000 | .0423 | .0423 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 9

DESCRIPTION : 8820/CT-M488MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|--------|
| 123-150340-93 | CERAMIC CAP. 15 PF 50V +-5% (NPO) C139,607,332 | PC | 0 | 3.00000 | .0144 | .0433 |
| 123-151350-60 | CERAMIC CAP 150 PF 50V +-10% (SL TYPE) C343 | PC | 0 | 1.00000 | .0116 | .0116 |
| 123-180340-60 | CERAMIC CAP. 18PF 50V +-5% (SL TYPE) C335,225,143 | PC | 0 | 3.00000 | .0107 | .0322 |
| 123-182850-10 | CERAMIC CAP. 0.0018 MFD 2KV +-10% MATSUSHITA C419 | PC | 0 | 1.00000 | .1385 | .1385 |
| 123-202350-90 | CERAMIC CAP. 0.002 MFD 50V +-10% (B TYPE) C605 | PC | 0 | 1.00000 | .0133 | .0133 |
| 123-209340-93 | CERAMIC CAP. 2PF 50V +-5% (NPO) C140,132 | PC | 0 | 2.00000 | .0144 | .0288 |
| 123-221350-60 | CERAMIC CAP. 220 PF 50V +-10% (SL TYPE) C102,336,613,616,617,823,328 | PC | 0 | 7.00000 | .0106 | .0740 |
| 123-221551-90 | CERAMIC CAP. 220 PF 500V +-10% MATSUSHITA C915 | PC | 0 | 1.00000 | .0481 | .0481 |
| 123-222850-10 | CERAMIC CAP. 0.0022 MFD 2KV +-10% MATSUSHITA C911 | PC | 0 | 1.00000 | .2500 | .2500 |
| 123-223370-90 | CERAMIC CAP. 0.022 MFD 50V +80-20% C109,121,138,406 | PC | 0 | 4.00000 | .0128 | .0512 |
| 123-300340-93 | CERAMIC CAP. 30 PF 50V +-5% (NPO) C608,609 | PC | 0 | 2.00000 | .0149 | .0298 |
| 123-331350-60 | CERAMIC CAP. 330 PF 50V +-10% (SL TYPE) C501,506 | PC | 0 | 2.00000 | .0120 | .0240 |
| 123-390340-93 | CERAMIC CAP. 39PF 50V +-5% (NPO) C345,603 | PC | 0 | 2.00000 | .0149 | .0298 |
| 123-470340-60 | CERAMIC CAP. 47 PF 50V +-5% (SL TYPE) C347 | PC | 0 | 1.00000 | .0098 | .0098 |
| 123-471350-60 | CERAMIC CAP. 470 PF 50V +-10% (SL TYPE) C304,612,002 | PC | 0 | 3.00000 | .0160 | .0479 |
| 123-472551-90 | CERAMIC CAP. 0.0047 MFD 500V +-10% (B TYPE) MATSUSHITA C913,415,424 | PC | 0 | 3.00000 | .1173 | .3519 |
| 123-472552-90 | CERAMIC CAP. 0.0047 MFD 500V +-10% (B TYPE) SMALL SIZE C903,904,907 | PC | 0 | 3.00000 | .0654 | .1963 |
| 123-560340-60 | CERAMIC CAP. 56PF 50V +-5% (SL TYPE) C503 | PC | 0 | 1.00000 | .0098 | .0098 |
| 123-561350-60 | CERAMIC CAP. 560 PF 50V +-10% (SL TYPE) C610 | PC | 0 | 1.00000 | .0160 | .0160 |
| 123-680340-93 | CERAMIC CAP. 68 PF 50V +-5% (NPO) C327 | PC | 0 | 1.00000 | .0132 | .0132 |
| 123-709340-93 | CERAMIC CAP. 7PF 50V +-5% (NPO) C329 | PC | 0 | 1.00000 | .0106 | .0106 |
| 123-821850-10 | CERAMIC CAP. 820 PF 2KV +-10% (SL TYPE) MATSUSHITA C914,427 | PC | 0 | 2.00000 | .1308 | .2615 |
| 124-474061-03 | TANTALIUM CAP. 0.47 MFD 35V +-10% C403 | PC | 0 | 1.00000 | .0714 | .0714 |
| 126-102071-01 | MYLAR CAP. 0.001 MFD 50V +-10% C314,410,405 | PC | 0 | 3.00000 | .0104 | .0312 |
| 126-103071-01 | MYLAR CAP. 0.01 MFD 50V +-10% C104,302,307,312 | PC | 0 | 4.00000 | .0115 | .0462 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 10

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 126-104071-01 | MYLAR CAP. 0.1 MFD 50V +-10% C106,107,110,402,625,908,401 | PC | 0 | 7.00000 | .0260 | .1817 |
| 126-104101-31 | POLYPROPYLENE CAP. 0.1 MFD 100V +-10% C426 | PC | 0 | 1.00000 | .1212 | .1212 |
| 126-152071-01 | MYLAR CAP. 0.0015 MFD 50V +-10% C303 | PC | 0 | 1.00000 | .0104 | .0104 |
| 126-154071-01 | MYLAR CAP. 0.15 MFD 50V +-10% C203 | PC | 0 | 1.00000 | .0317 | .0317 |
| 126-222161-41 | METALIZED POLYPROPYLENE CAP. 0.0022 MFD 1600V +-10% C421 | PC | 0 | 1.00000 | .2442 | .2442 |
| 126-223071-01 | MYLAR CAP. 0.022 MFD 50V +-10% C333,334 | PC | 0 | 2.00000 | .0135 | .0269 |
| 126-224071-01 | MYLAR CAP 0.22 MFD 50V +-10% C315 | PC | 0 | 1.00000 | .0462 | .0462 |
| 126-302070-31 | POLYPROPYLENE CAP. 0.003 MFD 50V +-5% C319 | PC | 0 | 1.00000 | .0692 | .0692 |
| 126-332161-41 | METALIZED POLYPROPYLENE CAP. 0.0033 MFD 1600V +-10% C418 | PC | 0 | 1.00000 | .2635 | .2635 |
| 126-333071-01 | MYLAR CAP. 0.033 MFD 50V +-10% C305,308,906 | PC | 0 | 3.00000 | .0142 | .0427 |
| 126-473071-01 | MYLAR CAP. 0.047 MFD 50V +-10% C407 | PC | 0 | 1.00000 | .0190 | .0190 |
| 126-473201-31 | POLYPROPYLENE CAP. 0.047 MFD 200V +-10% C420 | PC | 0 | 1.00000 | .0795 | .0795 |
| 126-473211-41 | METALLIZED POLYPROPYLENE CAP 0.047 MFD 250V +-10% VDE C902 | PC | 0 | 1.00000 | .1488 | .1488 |
| 126-474201-31 | POLYPROPYLENE CAP 0.47 MFD 200V +-10% C413 | PC | 0 | 1.00000 | .2788 | .2788 |
| 126-474211-41 | METALLIZED POLYPROPYLENE CAP 0.47 MFD 250V +-10% VDE C901 | PC | 0 | 1.00000 | .3796 | .3796 |
| 126-562071-01 | MYLAR CAP. 0.0056 MFD 50V +-10% C316 | PC | 0 | 1.00000 | .0125 | .0125 |
| 127-105072-03 | ELECT. CAP. 1 MFD 50V +-20% C306,318,330,337,350,117 | PC | 0 | 6.00000 | .0240 | .1442 |
| 127-105132-03 | ELECT. CAP. 1 MFD 160V +-20% C414 | PC | 0 | 1.00000 | .0481 | .0481 |
| 127-106042-03 | ELECT. CAP. 10 MFD 16V +-20% C004,006,008,009,108,338,339,504,346,101 | PC | 0 | 10.00000 | .0240 | .2404 |
| 127-106042-03 | ELECT. CAP. 10 MFD 16V +-20% C601,606,602,604,618,207,629,342,622,624,114 | PC | 0 | 11.00000 | .0240 | .2644 |
| 127-106102-03 | ELECT CAP. 10MFD 100V +-20% NICHICON C910 | PC | 0 | 1.00000 | .0481 | .0481 |
| 127-106252-03 | ELECT. CAP. 10 MFD 250V +-20% C425 | PC | 0 | 1.00000 | .1346 | .1346 |
| 127-107042-03 | ELECT. CAP. 100 MFD 16V +-20% C010,627 | PC | 0 | 2.00000 | .0346 | .0692 |
| 127-107052-03 | ELECT CAP. 100MFD 25V +-20% C209 | PC | 0 | 1.00000 | .0465 | .0465 |
| 127-107062-03 | ELECT. CAP. 100 MFD 35V +-20% C404,411 | PC | 0 | 2.00000 | .0519 | .1038 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 11

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 127-107132-03 | ELECT. CAP. 100 MFD 160V +-20% C918,423 | PC | 0 | 2.00000 | .3231 | .6462 |
| 127-107402-03 | ELECT. CAP. 100 MFD 400V +-20% C905 | PC | 0 | 1.00000 | .9504 | .9904 |
| 127-108042-03 | ELECT. CAP. 1000 MFD 16V +-20% C325,349 | PC | 0 | 2.00000 | .1192 | .2385 |
| 127-108052-03 | ELECT. CAP. 1000 MFD 25V +-20% C202 | PC | 0 | 1.00000 | .1442 | .1442 |
| 127-225071-05 | ELECT CAP. 2.2UF 50V +-10% (TIME CONSTANT) C311 | PC | 0 | 1.00000 | .0567 | .0567 |
| 127-225072-03 | ELECT. CAP 2.2 MFD 50V +-20% C118,127,128,206,103 | PC | 0 | 5.00000 | .0240 | .1202 |
| 127-227042-03 | ELECT. CAP. 220 MFD 16V +-20% C615,317 | PC | 0 | 2.00000 | .0404 | .0808 |
| 127-227062-03 | ELECT. CAP. 220 MFD 35V +-20% C412,916 | PC | 0 | 2.00000 | .0712 | .1423 |
| 127-228052-03 | ELECT. CAP. 2200 MFD 25V +-20% C417,408,135 | PC | 0 | 3.00000 | .3192 | .9577 |
| 127-335042-03 | ELECT. CAP. 3.3 MFD 16V +-20% C125 | PC | 0 | 1.00000 | .0240 | .0240 |
| 127-335071-05 | ELECT CAP. 3.3UF 50V +-10% (TIME CONSTANT) C409 | PC | 0 | 1.00000 | .0567 | .0567 |
| 127-336042-03 | ELECT. CAP. 33 MFD 16V +-20% C001 | PC | 0 | 1.00000 | .0240 | .0240 |
| 127-336042-23 | ELECT. CAP. BIPOLAR 33 MFD 16V+-20% C003,007 | PC | 0 | 2.00000 | .0692 | .1385 |
| 127-474072-03 | ELECT. CAP. 0.47 MFD 50V +-20% C208,309,310,322,123 | PC | 0 | 5.00000 | .0240 | .1202 |
| 127-475052-03 | ELECT. CAP. 4.7 MFD 25V +-20% C122 | PC | 0 | 1.00000 | .0240 | .0240 |
| 127-476042-03 | ELECT. CAP. 47 MFD 16V +-20% C119,205 | PC | 0 | 2.00000 | .0288 | .0577 |
| 127-476052-03 | ELECT. CAP. 47 MFD 25V +-20% C917 | PC | 0 | 1.00000 | .0365 | .0365 |
| 127-476072-07 | ELECT.CAP. 47 MFD 50V +-20% NICHICON C909 | PC | 0 | 1.00000 | .0404 | .0404 |
| 127-477042-03 | ELECT. CAP. 470 MFD 16V +-20% C204,144 | PC | 0 | 2.00000 | .0712 | .1423 |
| 130-111N60-00 | DIODE 1N 60 D313 | PC | 0 | 1.00000 | .0442 | .0442 |
| 130-134148-01 | SILICON DIODE IN4148 D620,621,622,623,624,625 | PC | 0 | 6.00000 | .0092 | .0554 |
| 130-134148-01 | SILICON DIODE IN4148 D602,604,605,601,603,309,310,311,312,406,607,101 | PC | 0 | 12.00000 | .0092 | .1108 |
| 130-134148-01 | SILICON DIODE IN4148 D608,609,610,613,614,611,612,615,618,619,616 | PC | 0 | 11.00000 | .0092 | .1015 |
| 130-134148-01 | SILICON DIODE IN4148 D906,306,307,308,305,304,303,302,301,001,002,003 | PC | 0 | 12.00000 | .0092 | .1108 |
| 130-134148-01 | SILICON DIODE IN4148 D104 | PC | 0 | 1.00000 | .0092 | .0092 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 12

DESCRIPTION : 8820/GT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 130-310156-00 | BRIDGE RECTIFIER RB156 SANKEN BR 901 | PC | 0 | 1.00000 | .4838 | .4838 |
| 130-311541-60 | RECTIFIER DOIDE 1R5JU41 D904 | PC | 0 | 1.00000 | .1786 | .1786 |
| 130-311545-60 | RECTIFIER DIODE 1R5JH45 D404 | PC | 0 | 1.00000 | .1637 | .1637 |
| 130-315295-00 | RECTIFIER DIODE S5295G TOSHIBA D901,902,905,402,403,903,405,401 | PC | 0 | 8.00000 | .0968 | .7740 |
| 130-410039-01 | ZENER DIODE 3.9V ZD602 | PC | 0 | 1.00000 | .0240 | .0240 |
| 130-410056-01 | ZENER DIODE 5.6V ZD601 | PC | 0 | 1.00000 | .0246 | .0246 |
| 130-410082-01 | ZENER DIODE 8.2V ZD901 | PC | 0 | 1.00000 | .0240 | .0240 |
| 130-410574-00 | ZENER DIODE UPC 574J NEC OR KA33V SAMSUNG ZD101 | PC | 0 | 1.00000 | .1593 | .1593 |
| 130-411091-01 | ZENER DIODE 9.1V ZD902 | PC | 0 | 1.00000 | .0240 | .0240 |
| 130-422120-00 | ZENER DIODE 1W 12V ZD401 | PC | 0 | 1.00000 | .0596 | .0596 |
| 130-512044-00 | LED 3MM RED 204MDC LED601 | PC | 0 | 1.00000 | .0298 | .0298 |
| 131-210562-28 | TRANSISTOR 2SA562TM TOSHIBA Q304 | PC | 0 | 1.00000 | .0357 | .0357 |
| 131-211015-00 | TRANSISTOR 2SA1015 TOSHIBA Q601,002,003 | PC | 0 | 3.00000 | .0290 | .0871 |
| 131-220774-20 | TRANSISTOR 2SB774 MATSUSHITA Q902 | PC | 0 | 1.00000 | .1519 | .1519 |
| 131-230388-00 | TRANSISTOR 2SC388A TOSHIBA Q102 | PC | 0 | 1.00000 | .1340 | .1340 |
| 131-231317-00 | TRANSISTOR 2SC1317 MATSUSHITA Q606,609 | PC | 0 | 2.00000 | .0348 | .0697 |
| 131-231815-25 | TRANSISTOR 2SC1815 TOSHIBA Q602,603,001,004,005,104,105,301,103,101,302,303 | PC | 0 | 12.00000 | .0268 | .3215 |
| 131-231815-25 | TRANSISTOR 2SC1815 TOSHIBA Q604,605,607,608,901,903,610,611,612 | PC | 0 | 9.00000 | .0268 | .2411 |
| 131-232482-00 | TRANSISTOR 2SC2482 TOSHIBA Q401,501,502,503,504,505 | PC | 0 | 6.00000 | .0968 | .5805 |
| 131-240400-00 | TRANSISTOR 2SD400E/F SANYO Q201 | PC | 0 | 1.00000 | .0893 | .0893 |
| 131-241431-00 | TRANSISTOR 2SD1431 TOSHIBA WITH MICA SHEET (24MM X 33MM) Q904 | PC | 0 | 1.00000 | 1.1015 | 1.1015 |
| 131-241555-00 | TRANSISTOR 2SD1555 TOSHIBA Q402 | PC | 0 | 1.00000 | .9377 | .9377 |
| 133-101904-31 | IC TDA 1904 IC 201 | PC | 0 | 1.00000 | .5210 | .5210 |
| 133-107680-14 | IC TA7680 TOSHIBA IC102 | PC | 0 | 1.00000 | 1.4140 | 1.4140 |
| 133-107698-14 | IC TA7698AP TOSHIBA IC301 | PC | 0 | 1.00000 | 2.9769 | 2.9769 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 13

DESCRIPTION : 8820/GT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 133-107910-16 | IC LA7910 SANYO IC101 | PC | 0 | 1.00000 | .2977 | .2977 |
| 133-205521-11 | IC AN5521 MATSUSHITA IC401 | PC | 0 | 1.00000 | .8925 | .8925 |
| 133-334300-12 | IC M34300 MITSUBISHI IC601 | PC | 0 | 1.00000 | 3.2300 | 3.2300 |
| 133-380011-12 | IC 80011A MITSUBISHI IC602 | PC | 0 | 1.00000 | 1.2950 | 1.2950 |
| 136-500337-00 | REMOTE RECEIVER (KODENSHI OPT601 | PC | 0 | 1.00000 | 1.0865 | 1.0865 |
| 137-443618-20 | CRYSTAL 4.43 MHZ X301 | PC | 0 | 1.00000 | .4125 | .4125 |
| 144-041420-85 | POWER SW. 70060-115 TECHNOKEY (TV3) S602 | PC | 0 | 1.00000 | 1.2572 | 1.2572 |
| 145-022412-09 | SLIDE SWITCH 2P2T SS-22F08G9 S301 | PC | 0 | 1.00000 | .0346 | .0346 |
| 146-100002-13 | TACT SWITCH KSM0634A HDK S603,604,601,613,609,614,608,615 | PC | 0 | 8.00000 | .0673 | .5385 |
| 146-104016-13 | TACT SWITCH 31TM116A UNITRONIC S611,610,606,605 | PC | 0 | 4.00000 | .0692 | .2769 |
| 160-101001-08 | PIN CONNECTOR 1 PIN PLUG STRAIGHT FOR CN501,901,902 | PC | 0 | 3.00000 | .0203 | .0608 |
| 160-102255-27 | PIN CONNECTOR 2 PINS PLUG STRAIGHT (UL) CN201,202,601 | PC | 0 | 3.00000 | .0154 | .0462 |
| 160-102805-08 | PIN CONNECTOR 2 PIN PLUG STRAIGHT CN903 | PC | 0 | 1.00000 | .0518 | .0518 |
| 160-103805-08 | PIN CONNECTOR 3 PIN PLUG STRAIGHT CN402 | PC | 0 | 1.00000 | .0698 | .0698 |
| 160-104805-08 | PIN CONNECTOR 4 PIN PLUG STRAIGHT CN401 | PC | 0 | 1.00000 | .0743 | .0743 |
| 160-108255-27 | PIN CONNECTOR 8 PINS PLUG CN302 | PC | 0 | 1.00000 | .0721 | .0721 |
| 161-470002-00 | RCA JACK HT02 BLACK "MING FUNG" J002 | PC | 0 | 1.00000 | .0962 | .0962 |
| 161-470003-00 | RCA JACK HT03 YELLOW "MING FUNG" J001 | PC | 0 | 1.00000 | .0962 | .0962 |
| 161-540004-01 | CRT SOCKET ISH-01 IN CHANG | PC | 0 | 1.00000 | .6346 | .6346 |
| 172-620014-40 | UL 1007 TOP COAT WIRE AWG 20 140MM BLACK 10 X 10 MM MAIN P.C.B. 'E' TO 'E' | PC | 0 | 1.00000 | .0116 | .0116 |
| 172-622007-40 | UL 1007 TOP COAT WIRE #22 70MMBLACK 5 X 5 MM FOR IC401 GND TO GND, JURPER 'M' GND TO C412 GND | PC | 0 | 2.00000 | .0041 | .0082 |
| 172-622016-40 | UL 1007 TOP COAT WIRE AWG 22 160MM BLACK 10 X 10 MM MAIN P.C.B. 'H' TO W041 | PC | 0 | 1.00000 | .0085 | .0085 |
| 172-626004-40 | UL 1007 TOP COAT WIRE AWG 26 40MM BLACK 5 X 5 MM FOR X301 TO GND | PC | 0 | 1.00000 | .0018 | .0018 |
| 172-626008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM MAIN P.C.B. 'K' TO HEAT SINK OF Q402 | PC | 0 | 3.00000 | .0022 | .0065 |
| 172-626008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM MAIN P.C.B. 'M' TO HEAT SINK OF IC401 | PC | 0 | .00000 | .0022 | .0000 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 14

DESCRIPTION : 8820/GT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|--|------|------|-------------------|------------|--------|
| 172-525008-40 | UL 1007 TOP COAT WIRE AWG 26 80MM BLACK 10 X 10 MM MAIN P.C.B. 'L' TO HEAT SINK OF Q904 | PC | 0 | .00000 | .0022 | .0000 |
| 172-525014-43 | UL 1007 TOP COAT WIRE AWG 26 140MM ORANGE 10 X 10 MM MAIN P.C.B. 'A' TO 'A' | PC | 0 | 1.00000 | .0035 | .0035 |
| 172-525016-42 | UL 1007 TOP COAT WIRE AWG 26 160MM RED 10 X 10 MM MAIN P.C.B. 'G' TO 'G' | PC | 0 | 1.00000 | .0048 | .0048 |
| 172-525018-43 | UL 1007 TOP COAT WIRE AWG 26 180MM ORANGE 10 X 10 MM MAIN P.C.B. 'N' TO 'N' | PC | 0 | 1.00000 | .0053 | .0053 |
| 172-525020-42 | UL 1007 TOP COAT WIRE AWG 26 200MM RED 10 X 10 MM MAIN P.C.B. 'O' TO 'O' | PC | 0 | 1.00000 | .0048 | .0048 |
| 172-725000-99 | BARE WIRE 54MM W001-039,041-061,064-095,097,099-103,105-110 | M | 0 | 6.10000 | .0092 | .0563 |
| 172-725000-99 | BARE WIRE 54MM W112-113,501-503 | M | 0 | .00000 | .0092 | .0000 |
| 172-830120-99 | FLAT BRIDED WIRE CRT GROUND | PC | 0 | 1.20000 | .1365 | .1638 |
| 179-001010-00 | OIL SLEEVING 1 MM DIA. L=40MM,20MM FOR BR901,20MM FOR D904 | M | 0 | .04000 | .0001 | .0000 |
| 179-403030-00 | 3MM DIA. SHRINKABLE TUBE FOR 130MM SOLDERING LUG | PC | 0 | .13000 | .2750 | .0357 |
| 179-403080-00 | SHRINKABLE TUBE 180MM FOR 4-DEGAUSSING COIL LUG(P/N:750-892002-00) | PC | 0 | .18000 | .3000 | .0540 |
| 182-233150-03 | FUSE T3.15A 250V F901 | PC | 0 | 1.00000 | .1027 | .1027 |
| 190-882001-00 | P.C.BOARD CRT (160393) | PC | 0 | 1.00000 | .2712 | .2712 |
| 190-882004-01 | MAIN P.C.BOARD (280392) | PC | 0 | 1.00000 | 2.4577 | 2.4577 |
| 191-100034-09 | 1 PIN SOCKET ASSM'Y L=220MM CRT GND TO CN501 | PC | 0 | 1.00000 | .0429 | .0429 |
| 191-100035-09 | 1 PIN SOCKET ASSM'Y FROM POWER SWITCH TO CN 901 | PC | 0 | 1.00000 | .1072 | .1072 |
| 191-100036-09 | 1 PIN SOCKET ASSM'Y FROM POWER SWITCH TO CN 902 | PC | 0 | 1.00000 | .0915 | .0915 |
| 191-200031-09 | 2 PIN SOCKET ASS'Y L=80MM FOR CN601 TO POWER SWITCH | PC | 0 | 1.00000 | .0369 | .0369 |
| 191-300040-09 | 3 PIN SOCKET ASSM'Y CN402 '1' TO 'I', '2' TO 'J', '3' TO 'K' ON CRT BOARD | PC | 0 | 1.00000 | .1275 | .1275 |
| 191-801103-07 | 8 PINS SOCKET ASS'Y CN302 '1' TO CRT 'A', '2' TO 'B', '3' TO 'C', '4' TO 'D' | PC | 0 | 1.00000 | .2212 | .2212 |
| 191-801103-07 | 8 PINS SOCKET ASS'Y '5' TO 'E', '6' TO 'F', '7' TO 'G', '8' TO 'H' | PC | 0 | .00000 | .2212 | .0000 |
| 504-305008-10 | MACHINE SCREW 3 X 8 B/M FOR POWER SW. MTG. | PC | 0 | 2.00000 | .0012 | .0025 |
| 516-300308-10 | SELF-TAPPING SCREW 3 X 8 P/A (HARDEN) FOR HEAT SINK (C) | PC | 0 | 2.00000 | .0021 | .0042 |
| 517-303312-10 | SELF-TAPPING SCREW 3 X 12 W/A W/H=7MM (HARDEN) FOR HEAT SINK (A) & (B) | PC | 0 | 2.00000 | .0032 | .0065 |
| 580-101261-01 | CABLE TIE L=100MM FOR CRT BOARD , CONNECTON | PC | 0 | 7.00000 | .0037 | .0256 |
| 630-083216-00 | FIBRE WASHER FOR POWER SW. MTG. (BETWEEN POWER SW. & MTG.BKT.) | | 0 | 2.00000 | .0096 | .0192 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 15

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|--------|
| 746-053101-00 | TEST PIN:TOTAL LENGTH 18.6MM THK:0.8MM TP103,104,302 | PC | 0 | 3.00000 | .0038 | .0115 |
| 750-063101-00 | SOLDERING LUG LEG:8X4MM FOR HEAT SINK (A) , (B) & (C) | PC | 0 | 3.00000 | .0023 | .0069 |
| 750-063102-01 | 35MM SOLDERING LUG OD:7 ID:3.2 LEG:4X35MM FOR AC LINE CORD, SPK. CONNECTOR | | 0 | 4.00000 | .0087 | .0346 |
| 750-892002-00 | DEGAUSSING COIL LUG FOR DEGAUSSING COIL | | 0 | 4.00000 | .0096 | .0385 |
| 766-686801-00 | FUSE HOLDER | | 0 | 2.00000 | .0135 | .0269 |
| 781-881314-00 | ALUMINIUM HEAT SINK (C) FOR IC401 | | 0 | 1.00000 | .1596 | .1596 |
| 781-882001-02 | ALUMINIUM HEAT SINK (B) FOR Q402 | | 0 | 1.00000 | .2115 | .2115 |
| 781-882101-01 | ALUMINIUM HEAT SINK (A) FOR Q904 | | 0 | 1.00000 | .1712 | .1712 |
| 783-881306-01 | SHIELD CAN COVER | | 0 | 1.00000 | .0769 | .0769 |
| 783-881313-00 | SHIELD CAN | | 0 | 1.00000 | .1288 | .1288 |
| 929-881301-00 | LED HOLDER BKT | | 0 | 1.00000 | .0217 | .0217 |

ASSB PRICE : 53.5425

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 16

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|---|------|------|-------------------|------------|--------|
| *** ASSEMBLY : 158-882074-40-02 COM PART CHASSIS ASS'Y NEW ZEALAND TUNER | | | | | | |
| 003-131513-06 | TUNER UVC6513-VC WITTIS | PC | 0 | 1.00000 | 9.8983 | 9.8983 |
| 107-105500-66 | SOUND TRAP CERAMIC FILTER 5.5MHZ TPS-5.5MB MURATA CF103 | PC | 0 | 1.00000 | .1465 | .1465 |
| 107-305500-16 | SOUND BYPASS CERAMIC FILTER 5.5MHZ SFE-5.5MB MURATA CF102 | PC | 0 | 1.00000 | .1465 | .1465 |
| 107-738900-07 | SAW FILTER TOSHIBA (F1044PS) SA101 | PC | 0 | 1.00000 | 1.0119 | 1.0119 |
| 123-103370-90 | CERAMIC CAP. 0.01 MFD 50V +80 -20% C115 | PC | 0 | 1.00000 | .0098 | .0098 |
| 123-222466-41 | CERAMIC CAP. 0.0022 MFD 400V +-20% ECK-DNS222MEX MATSUSHITA C912 | PC | 0 | 1.00000 | .2058 | .2058 |
| 171-550084-02 | 84" AC LINE CORD (END-CUT)SAA APPW/7.5A PLUG. | PC | 0 | 1.00000 | .6154 | .6154 |

ASSB PRICE : 12.0342

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 17

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|---|--|------|------|-------------------|------------|--------|
| *** ASSEMBLY : 159-882074-40-00 COMMON PART FOR CASING ASS'Y (BG) | | | | | | |
| 008-550201-05 | DEGAUSSING COIL 60T 44MM X 34 MM (W/FIVE LAYERS OF TAPE) L902 | PC | 0 | 1.00000 | 1.5769 | 1.5769 |
| 166-183040-40 | SPEAKER 4" 3W 80HM | PC | 0 | 2.00000 | .7308 | 1.4615 |
| 179-105000-00 | UL PVC TUBE 5MM DIA L=950MM,400MM FOR SPK 'L',550MM FOR SPK 'R' | M | 0 | .95000 | .1865 | .1772 |
| 191-200044-09 | 2 PIN SOCKET ASSM'Y L=440MM CN202 '2' TO SPK L '-', '1' TO SPK L '+' | PC | 0 | 1.00000 | .0442 | .0442 |
| 191-200056-09 | 2 PIN SOCKET ASSM'Y L=560MM CN201 '2' TO SPK R '-', '1' TO SPK R '+' | PC | 0 | 1.00000 | .0481 | .0481 |
| 309-305010-00 | MACHINE SCREW 3 X 10 KM BLACK JACK PLATE MTG | PC | 0 | 2.00000 | .0021 | .0042 |
| 514-400425-10 | SELF-TAPPING SCREW 4 X 25 B/T (HARDEN) 12 FOR CRT MTG , 3 FOR CAB. MTG | PC | 0 | 15.00000 | .0084 | .1413 |
| 514-400435-10 | SELF-TAPPING SCREW 4 X 35 B/T (HARDEN) FOR CAB. MTG | PC | 0 | 6.00000 | .0100 | .0600 |
| 515-303310-10 | SELF-TAPPING SCREW 3 X 10 W/P/A (HARDEN) FOR SPEAKER MTG. | PC | 0 | 4.00000 | .0029 | .0115 |
| 515-303410-10 | SELF-TAPPING SCREW 3 X 10 W/B/T (HARDEN) 12 FOR MAIN P.C.B. , 2 FOR PUSH BUTTON | PC | 0 | 14.00000 | .0035 | .0485 |
| 515-306320-10 | SELF-TAPPING SCREW 3 X 20 W/P/A (HARDEN) FOR SPEAKER MTG. | PC | 0 | 4.00000 | .0044 | .0177 |
| 515-306412-10 | SELF-TAPPING SCREW 3 X 12 W/B/T (HARDEN) 1 FOR AC LINE CORD MTG. | PC | 0 | 1.00000 | .0073 | .0073 |
| 622-881302-00 | FELT ONE SIDE W/TAPE | 0 | 0 | 7.00000 | .0250 | .1750 |
| 622-882001-00 | FELT PAPER ONE SIDE W/TAPE 10 X 2 X 0.3MM BACK CAB. | 0 | 0 | 4.00000 | .0029 | .0115 |
| 630-173016-00 | FIBRE WASHER OD=17 ID=3 T=1.6 AC LINE CORD MTG | 0 | 0 | 1.00000 | .0106 | .0106 |
| 728-882001-00 | CRT MTG. BRACKET W/NUT CRT MTG. | 0 | 0 | 4.00000 | .1731 | .6923 |
| 737-143010-00 | METAL WASHER OD=14 ID=3 T=1 FOR SPK. MTG | 0 | 0 | 8.00000 | .0046 | .0369 |
| 744-881301-00 | SPRING FOR C.R.T. MOUNTING 5.2 X 42 X 0.6MM | 0 | 0 | 1.00000 | .0481 | .0481 |
| 777-892002-00 | SPRING FOR POWER KNOB | 0 | 0 | 1.00000 | .0115 | .0115 |
| 834-230801-00 | RUBBER WASHER OD=23 , ID=8 , T=1.0 FOR CRT MTG | 0 | 0 | 4.00000 | .0192 | .0769 |
| 834-230805-00 | RUBBER WASHER OD=23 ID=8 T=0.5 CRT MTG (LOWER) | 0 | 0 | 2.00000 | .0115 | .0231 |
| 902-882001-02 | BACK CABINET - MATT BLACK SPRAY | 0 | 0 | 1.00000 | 4.6179 | 4.6179 |
| 920-882002-01 | MTG. BRACKET | 0 | 0 | 1.00000 | .5237 | .5237 |
| 948-882001-01 | DEGAUSSING COIL MTG. CLIP | 0 | 0 | 4.00000 | .0212 | .0846 |
| 948-882003-00 | DOOR LOCKER | 0 | 0 | 1.00000 | .1923 | .1923 |
| 954-882001-01 | SPEAKER BOX HOLDER FOR FRONT CAB. | 0 | 0 | 2.00000 | .0175 | .0350 |
| 954-892001-00 | HIGH VOLTAGE SPACER FOR CRT | 0 | 0 | 1.00000 | .0552 | .0552 |
| 977-882001-01 | PUSH BUTTON - BLACK MOULDED | 0 | 0 | 1.00000 | .0610 | .0610 |

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 25/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 18

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|----------------|---|------|------|-------------------|------------|--------|
| 980-882013-01 | JACK PLATE W/AV/BRASS INSERT (521-882001-00 2 PCS./SET) | | 0 | 1.00000 | .2382 | .2382 |

ASSB PRICE : 10.4924

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

Print Date : 26/11/94

PRODUCT CODE : 882074-400003-GT

Page Number : 19

DESCRIPTION : 8820/CT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount |
|--|--|------|------|-------------------|------------|----------|
| *** ASSEMBLY : 159-882074-40-04 NON-COMMON PART FOR CASING ASS'Y (M.BLK) | | | | | | |
| 002-120001-46 | CRT 20" A48KRD82X09 SAMSUNG (SOUTH HEMISPHERE CRT) | PC | 0 | 1.00000 | 101.6619 | 101.6619 |
| 186-227503-14 | BATTERY 3A | PC | 0 | 2.00000 | .0635 | .1269 |
| 669-882001-6B | RATING LABEL - TEAC DESIGN (CT-M486MKII) 240V | | 0 | 1.00000 | .0481 | .0481 |
| 884-882002-01 | PRESET PLATE - BLACK W/L.GREY SS. ENG STD (13 KEY HOLES) | | 0 | 1.00000 | .1558 | .1558 |
| 884-882010-01 | JACK COVER - W/ WHITE SS W/AV IN HOLE FOR JACK PLATE | | 0 | 1.00000 | .1577 | .1577 |
| 900-882002-01 | FRONT CABINET - MATT BLACK SPY | | 0 | 1.00000 | 4.7083 | 4.7083 |
| 905-882001-01 | SPEAKER BOX - BLACK MOULDED W/ BLACK SPRAY | | 0 | 2.00000 | .6867 | 1.3735 |
| 917-882001-07 | REMOTE LENS - TEAC DESIGN | | 0 | 1.00000 | .2367 | .2367 |
| 919-882003-01 | PRESET DOOR - TEAC DESIGN (CT-M486MKII) | | 0 | 1.00000 | .2038 | .2038 |
| 991-882002-01 | POWER KNOB - BLACK MOULDED | | 0 | 1.00000 | .0217 | .0217 |

ASSB PRICE : 108.6944

** THIS SPARE LIST IS MADE FOR TECHNICAL / MAINTENANCE REFERENCE ONLY **

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PRODUCT CODE : 882074-400003-GT

Page Number : 20

DESCRIPTION : 8820/GT-M486MKII TEAC PAL/BG W/AV IN MATT BLACK 240V SAA

| Component Part | Description / Location | Unit | Subs | Quantity Required | Unit Price | Amount | |
|--|---|------|------|-------------------|------------|--------|--------|
| *** ASSEMBLY : 163-882074-40-04 NON-COMMON PART FOR PACKING ASS'Y (8G) | | | | | | | |
| 610-882004-06 | GIFT BOX - TEAC (A) DESIGN {MDL NO.CT-M486MK II} | | | 0 | 1.00000 | 2.9423 | 2.9423 |
| 663-230571-94 | SERIAL NO.LABEL - OC:GT-571/94 1 PC STUCK ON CTN, 1 PC STUCK ON RATING LABEL | | | 0 | 2.00000 | .0071 | .0142 |
| 670-882000-96 | INSTRUCTION MANUAL - TEAC (A) DESIGN {MDL NO.CT-M486MK II} | | | 0 | 1.00000 | .1442 | .1442 |
| 678-881301-04 | SYSTEM LABEL - PAL BG | | | 0 | 1.00000 | .0062 | .0062 |
| 678-882000-24 | SCREEN STICKER - TEAC DESIGN (CT-M486MKII) | | | 0 | 1.00000 | .1500 | .1500 |
| 682-230571-94 | DATE CODE LABEL - OC:GT-571/94 | | | 0 | 1.00000 | .0027 | .0027 |
| 690-882039-01 | WARRANTY CARD - TEAC DESIGN | | | 0 | 1.00000 | .1442 | .1442 |
| 693-882002-10 | EAN CODE LABEL - 9313060004842 | | | 0 | 1.00000 | .0077 | .0077 |
| 800-882005-00 | POLYFOAM - TOP LEFT | PC | | 0 | 1.00000 | .3327 | .3327 |
| 800-882006-00 | POLYFOAM - TOP RIGHT | PC | | 0 | 1.00000 | .3327 | .3327 |
| 800-882007-00 | POLYFOAM - BOTTOM LEFT | PC | | 0 | 1.00000 | .3327 | .3327 |
| 800-882008-00 | POLYFOAM - BOTTOM RIGHT | PC | | 0 | 1.00000 | .3327 | .3327 |
| 810-041004-13 | POLYBAG 4" X 10" X 0.04MM W/RE-CYCLING MARK FOR HANDSET | | | 0 | 1.00000 | .0062 | .0062 |
| 810-051104-13 | POLYBAG 5" X 11" X 0.04 MM W/ RE-CYCLING MARK FOR AC LINE CORD | | | 0 | 1.00000 | .0079 | .0079 |
| 810-091504-13 | POLYBAG 9" X 15" X 0.04MM W/ RE-CYCLING MARK FOR INSTRUCTION MANUAL | | | 0 | 1.00000 | .0163 | .0163 |
| 810-373704-14 | POLYBAG 37"X37"X0.04MM W/PUNCHHOLE & RE-CYCLING MARK P/O MAT FOR UNIT | | | 0 | 1.00000 | .1610 | .1610 |
| 826-363605-00 | FOAM SHEET - 36" X 36" X 0.5MM FOR UNIT | | | 0 | 2.00000 | .1769 | .3538 |

ASSS PRICE : 5.2875

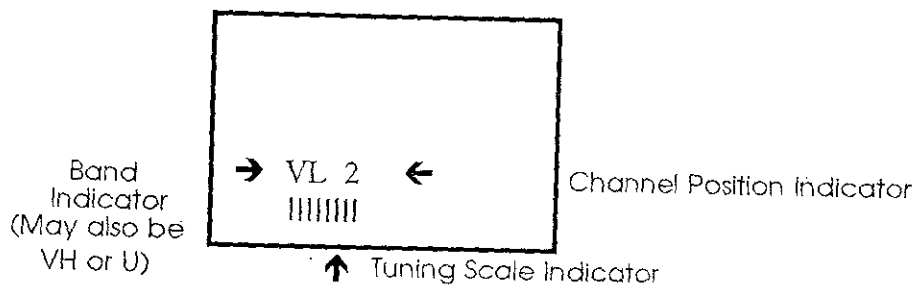
TOTALA PRICE : 192.8332

TEAC®

Operational Guide to Tuning-In

CT-M486MKII

1. Connect aerial (not supplied) to television set. For best results we recommend the use of an external antenna.
2. Turn on the set and open the front panel. Please note the remote control is not required during tuning-in.
3. Press the **PRESET** button once and a display will appear on the screen.
4. Press the **PROGRAM / CHANNEL** buttons (+ or -) to select the channel position that you wish to store the broadcast. e.g. To store ABC in channel position 2, press + or - until "2" appears on display (see diagram below).



5. Press **BAND** to choose correct frequency band to find channel broadcast (as summarised below).

| Station | Channel | Frequency Band |
|---------|---------|-------------------------------|
| ABC | 2 | For best results use VL band. |
| HSV-7 | 7 | For best results use VH band. |
| GTV-9 | 9 | For best results use VH band. |
| ATV-10 | 10 | For best results use VH band. |
| SBS | 28 | For best results use U band. |

Please note: All channels may be found on UHF band, however, picture quality may be determined by your geographical location or type of antenna used.

6. Press **FINE TUNE** + or - to find the broadcast.
7. When correct channel broadcast is found, repeat steps 4, 5 & 6 until all remaining channels have been located and tuned into selected channel positions.
8. Press **PRESET** once, then the TV will return to normal operation.
9. Stations should now be memorised into channel positions.

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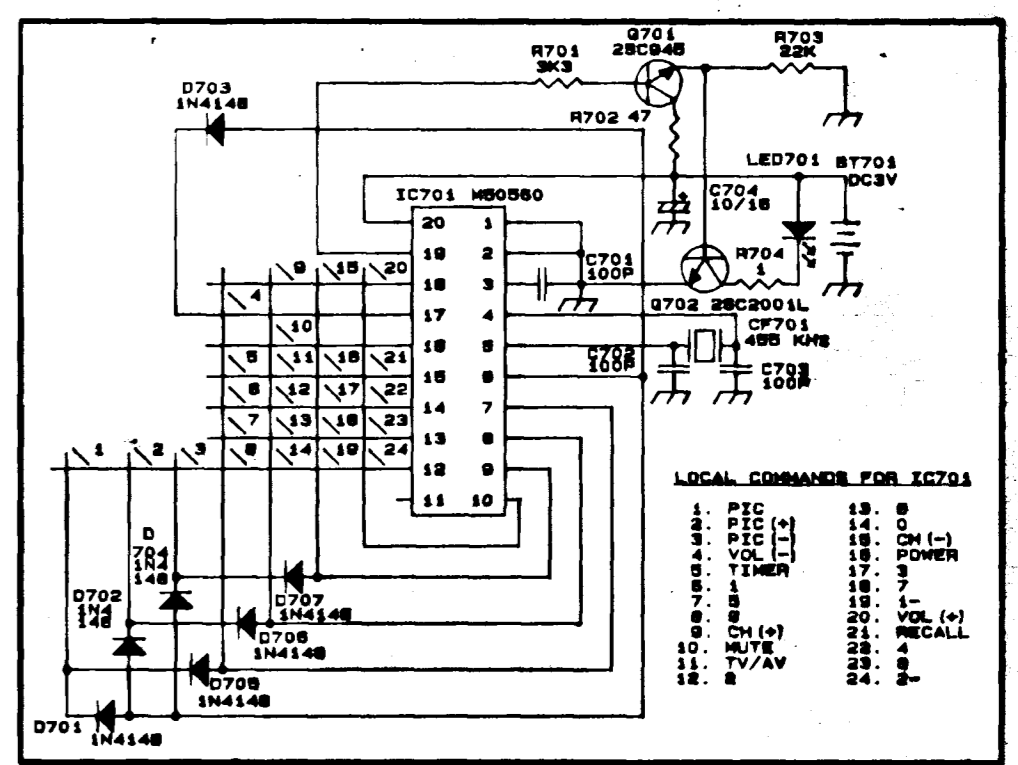
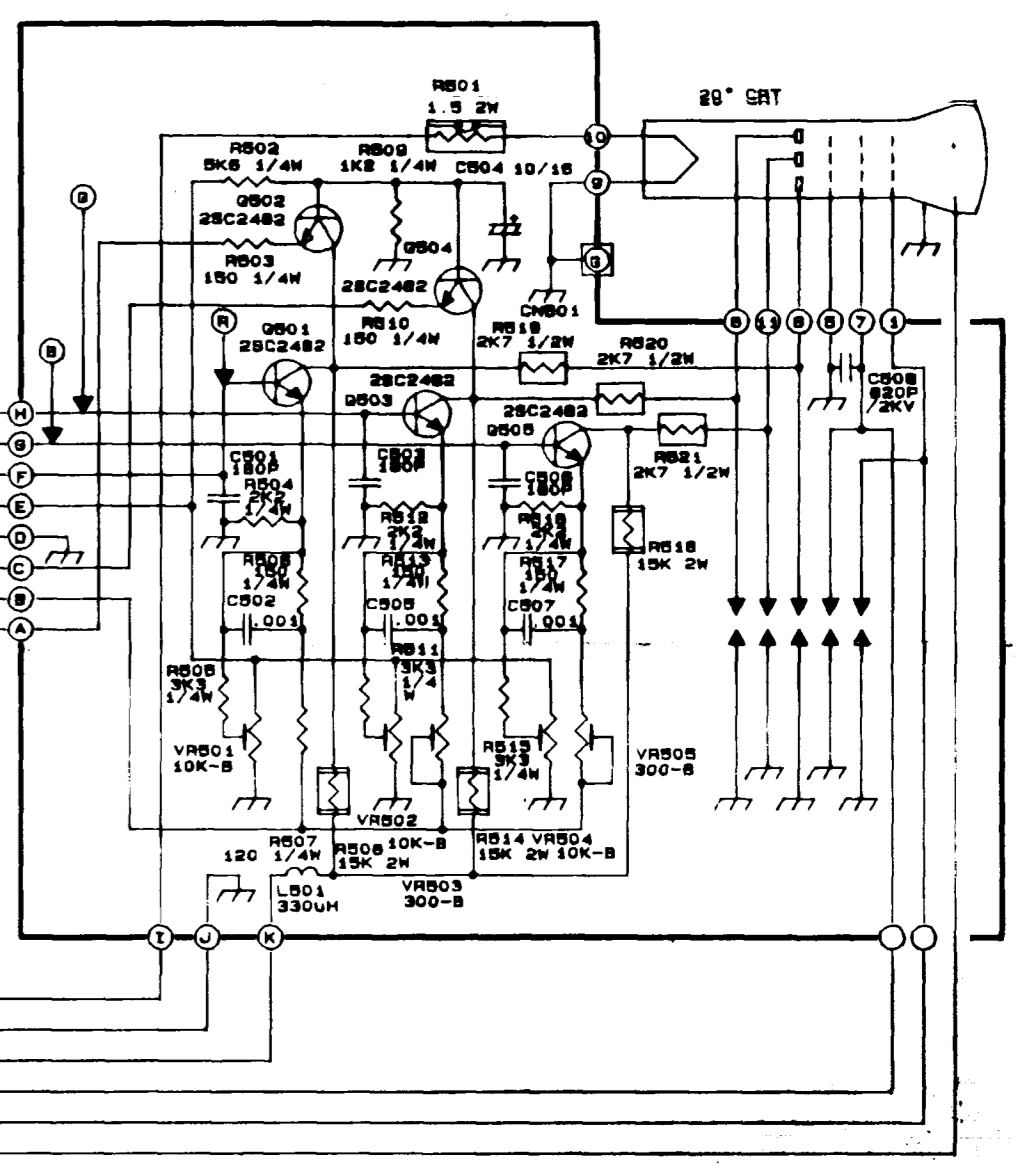
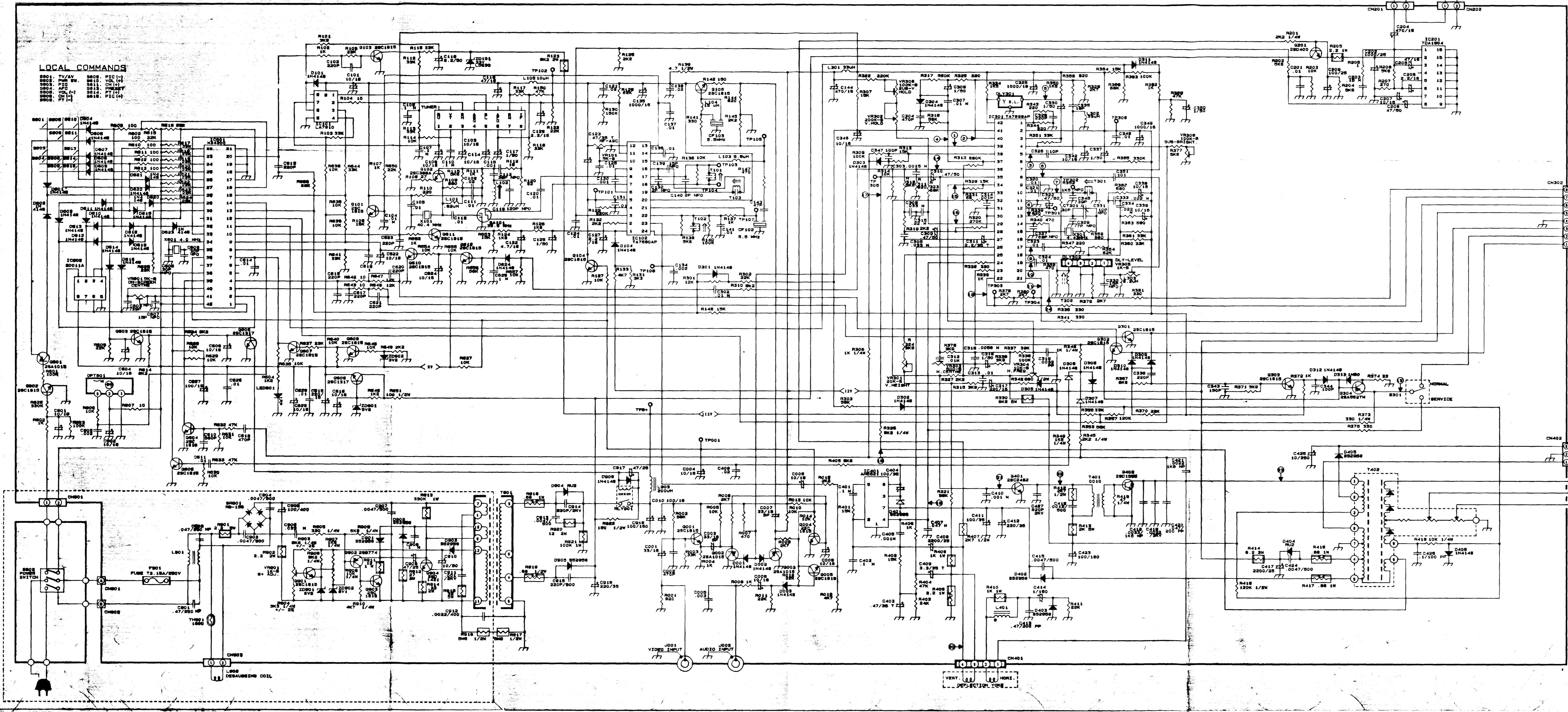
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LOCAL COMMANDS

- 801 TV/AV
- 802 PWR SW
- 803 YC
- 804 AFC
- 805 YC
- 806 SW
- 807 VCC (-)
- 808 GND
- 809 DM50V
- 810 PIC(4)
- 811 TV/AV
- 812 VCC (-)
- 813 GND
- 814 DM50V
- 815 PIC(4)



- NOTE:
- (1) ALL CAPACITORS ARE IN μ F UNLESS OTHERWISE NOTE
 - (2) ALL CAPACITORS ARE 50V UNLESS OTHERWISE NOTED
 - (3) CAPACITORS NOT SPECIFICALLY DESIGNATED ARE CERAMIC CAPACITORS.
 - (4) ELECTROLYTIC CAPACITOR
 - (5) BI-POLAR ELECTROLYTIC CAPACITOR
 - (6) TANTALUM CAPACITOR
 - (7) MYLAR CAPACITOR
 - (8) METALLIZED POLYESTER
 - (9) POLYESTER FILM CAPACITOR
 - (10) POLYPROPYLENE CAPACITOR
 - (11) ALL RESISTORS ARE IN Ω UNLESS OTHERWISE NOTED.
 - (12) RESISTORS NOT SPECIFICALLY DESIGNATED ARE CARBON FILM RESISTORS.
 - (13) CARBON COMPOSITION RESISTOR
 - (14) METAL OXIDE RESISTOR
 - (15) CEMENT RESISTOR
 - (16) FUSIBLE RESISTOR
 - (17) THERMISTOR
 - (18) DC VOLTAGE ARE MEASURED FROM POINTS INDICATED TO THE CIRCUIT GROUND WITH A DIGITAL MULTIMETER TEST.
 - (19) WAVEFORMS ARE TAKEN WITH SETTING CONTROLS TO A NORMAL CONDITIONS (COLOUR BAR PATTERN).
 - (20) THIS CIRCUIT DIAGRAM IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
 - (21) ON THE SCHEMATIC SHOULD BE REPLACED WITH BEST MANUFACTURER RECOMMENDED PARTS.