

General Information

1995

Chassis: PC-33J

CRT:

A68KYN680X01N7ND

Remote Control: 105-212C

Door Flap: 315-652C

Battery Cover: 303-H73A

Matrix

Item	See Model
Safety Notes	Goldstar CI-14A50
CRT Adjustments	Goldstar CI-14A80F
Electrical Adjustments	Goldstar CI-14A80F
Trouble Shooting Guides	Goldstar CF-25C22F
CRT Diagram	Goldstar CF-25C22F
NICAM Diagram	Goldstar CF-25C22F
Power Supply Diagram	Goldstar CF-25C22F
Remote Control Diagram	Goldstar CF-25C22F

Specifications

Video Input System:	PAL-B/G/D/K/I/H SECAM-B/G/D/K NTSC-3.58/4.43 (only A/V)
Power Requirements:	AC 230VAC, 50 Hz
Power Consumption:	160W
Intermediate Frequency:	
Vision (Vc):	PAL-B/G/H: 38.9 MHz PAL-D/K: 38 MHz PAL-I: 39.5 MHz SECAM-B/G: 38.9 MHz SECAM-D/K: 38 MHz NTSC: only A/V
Sound (Sc):	PAL-B/G/H: 33.4 MHz PAL-D/K: 32 MHz PAL-1: 33.5 MHz SECAM-B/G: 33.4 MHz SECAM-D/K: 32 MHz NTSC: only A/V
Colour (Cc):	PAL-B/G: 34.47 MHz PAL-D/K/H: 33.57 MHz PAL-1: 35.07 MHz SECAM-B/G: Vc-4.25 MHz, Vc-4.40625 MHz SECAM-D/K: Vc-4.25000 MHz, Vc-4.40625 MHz NTSC: 3.58 MHz, 4.43 MHz
Tuning System:	
FS (Frequency Synthesiser):	60 program memory
Tuning Range:	
VHF-LOW:	TV: Ch. 2 - 4 CATV: S1' - S3', S1
VHF-HIGH:	TV: Ch. 5 - 12 CATV: S2 - S10, S11 - S20
HYPER:	CATV: S21 - S41
UHF:	TV: Ch. 21 - 69
Antenna Input Impedance:	
VHF/UHF	75 Ω (unbalanced)
Voice Coil Impedance:	8 ohm
OSD (On Screen Display):	Menu method
Sound Output:	12W max x 2 way
Sound:	Option, Dual/Stereo (2 carrier)/Stereo (NICAM)
Local Buttons:	Menu/OK,

Specifications Cont'd.

Volume up (+), Volume down (-),

Program up (+), Program down (-)

External Connection: S-VHS in JACK
for external speaker (P653, P654)
SCART (EURO socket, SK101, SK102)

JACK A/V
Video in/out:: Scart 1, Scart 2:
1Vp-p \pm 3dB, 75 ohm

Audio in (2 way): Scart 1, Scart 2:
0.5Vrms \pm 3dB, over 10K ohm
Audio out (2 way): Scart 1, Scart 2:
0.5Vrms \pm 3dB, below 1K ohm

R. G. B. in: Scart 1:
0.7Vp-p \pm 3dB, 75 ohm
Teletext: Scart 1, Scart 2:

Option FLOF/TOP/LIST
Function: Auto Program, Manual program,
Auto sleep, Quick view,
Teletext (TOP/FLOF/LIST)
Child lock: In case of choosing Lock On,
you can power on/off only
with the remote control. To cancel
this mode, select Lock Off with menu
button on remote control.

Service
Adjustments

Safety Precautions

X-Ray Radiation

Warning: The source of X-Ray Radiation in this TV receiver is the high voltage section and the picture tube.
For continued X-Ray radiation protection, the replacement tube must be the same type tube as specified in the replacement parts list.

To determine the presence of high voltage, use an accurate high impedance HV meter.

Adjust brightness, colour and contrast controls to minimum. Measure the high voltage, the meter reading should indicate:
14" - 19": 23.5 \pm 1.5KV.
19" - 21": 26 \pm 1.5KV.
25" - 29": 29.0 \pm 1.5KV.
32": 30.0 \pm 1.5KV.
If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.

Recommended Safety Parts

Item	Part No.	Description
1	2055-01111B	CPT
4	150-D05C	Coil, D-Coil
5	170-797G	Lead Set, CPT Earth
19	154-374C	FBT
54	140-289B	Main Switch
56	174-225F	Cord ASSY, Power
	174-225F	ASSY Power Cord PC-33J (UK)
	150-D05C	Degaussing Coil 29" 40T 50HM
	174-224A	Power Cord for UK
	2055-01111B	CPT A68KYN680X 01N7ND (+0.4 ITC)
C405	181-128K	C, Metal Polypropylene 0.62MF 200V
C802	181-017B	Capacitor MPP(Box) AC 250V 0.15 μ F K
C809, C810	181-001F	Capacitor CE 400V 220 μ F M LUG (85)
C840, C841	181-093C	Capacitor DE 4700pF 400V
D801	0QDD560000AA	Diode D5SB60 Bridge (5A 600V) S. D. G.
D802	0DD414809ED	Diode DS4148
F801A	131-098B	Fuse 4A 250V HBC Time Delay 5 X 20
FR651, FR702,		
FR703	0RF0470J607	R. Fusible 0.47 1W 5%
FR701	0RF0470609	R. Fusible 0.47 1/2W 5%
FR705	0RFO101K607	R. Fusible 1 2W 5%
FR801	131-096F	Fuse Micro 125V 2.5A
FR802	131-096E	Fuse Micro 125V 4.0A
IC301	0IPH835030A	IC. Philips TDA8350Q/N3 13SIP V/DEF+E/W
IC801	0ISM460520A	IC, Siemens TDA4605-2 8DIP SMPS Controller
L802	150-897B	Coil L/F 20MH 0.20MH 3.5A (AC)
Q402	0TR487120AA	Transistor 0N4871 (BU2508DF) Philips
R405	0RS1201J607	R, Metal Film Oxide 120K 1W 5%
R801	180-783D	Resistor RC 1/2W 474 K Taping
R802	180-822L	Resistor RWR 10W 27 OHM \pm 5% PD
R840	180-783G	Resistor RC 1/2W 825 K Taping
SW801A	140-289B	Switch SDDF-3B (J-ALPS) TV-8
T401	151-386A	Transformer H. Drive 19Y4BY
T701	154-374C	FBT KFS-61225 (DUGO) 29" S-FST
T801	151-A01K	Transformer SMPS Coil EER5345, TDA4605-2 N
TH802	163-051A	Thermistor J5 03 P5 3D 140M 290S

Block Diagram



