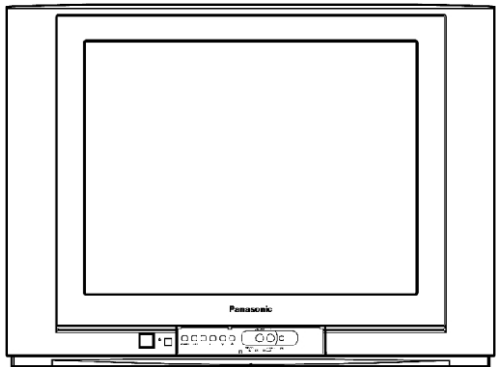


Service Manual



Colour Television

TC-21FX70R
TC-21FJ10RS
TC-14Z88RU/RBU
TC-21Z88RU/RBU/DXU

(GP41 Chassis)

Specifications

Power Source : AC AUTO (110-240V), 50/60 Hz

Power Consumption : 67W for 21" & 60W for 14"

Aerial Impedance : 75Ω Unbalanced
Co-axial type

Receiving System : 17 Systems

Tuning System : Frequency Synthesizer
100 position (Auto-search)

Receiving Channels : Regular TV
VHF BAND 2-12 (PAL/SECAM B, K1)
0-12 (PAL B AUST.)
1-9 (PAL B N.Z.)
1-12 (PAL/SECAM D)
1-12 (NTSC M Japan)
2-13 (NTSC M U.S.A)
UHF BAND 21-69 (PAL G, H, I/SECAM G, K, K1)
28-69 (PAL B AUST.)
13-57 (PAL D, K)
13-62 (NTSC M Japan)
14-69 (NTSC M U.S.A.)
CATV S1-S20 (OSCAR)
1-125 (U.S.A. CATV)
C13-C49 (JAPAN)
S21-S41 (HYPER)
Z1-Z37 (CHINA)
5A, 9A (AUST.)

Intermediate Frequency : 38.0 MHz
Video : 38.0 MHz
Sound : 31.5 MHz (D, K) / 32.5 MHz (B, G)
32.0 MHz (I) / 32.5 MHz (M)
Colour : 33.57 MHz (PAL) /
33.6 MHz (SECAM)
34.42 MHz (NTSC) /
33.75 MHz (SECAM)

Receiving Sound System :
AV Stereo : TC-21FX70R, TC-21Z88RU/RBU/DXU
Mono : TC-21FJ10RS, TC-14Z88RU/RBU

Video / Audio Terminals :
AV In : Video In 1 Vp-p, 75 Ω
Audio In Approx. 400 mV
Monitor Out : Video Out 1 Vp-p, 75 Ω
Audio Out Approx. 400 mV

High Voltage : 27.5 ±1.5 KV at zero beam current (21")
24.5 ±0.7 KV at zero beam current (14")

Picture Tube : 21" (Flat) - A51LYZ395X21
21" (Round) - A51KQK99X01
14" - 37GDC86XTC01 / A34JXV72X03ND20
Viewable Picture Tube measured diagonally
50.5 cm (21" Flat), 53 cm (21" Round)
34 cm (14")

Set Dimensions : (WxDxH) : 648 x 488 x 472 (21FJ10RS)
(mm) (WxDxH) : 648 x 488 x 495 (21FX70R)
(WxDxH) : 682 x 496 x 464 (21Z88RU/RBU/DXU)
(WxDxH) : 460 x 375 x 354 (14Z88RU/RBU)

Net Weight (kg) : 23 kg (21FJ10RS), 27 kg (21FX70R)
22 kg (21Z88RU/RBU/DXU) & 10.4 kg (14Z88RU/RBU)

Accessories Supplied : Remote Controller x 1
"R6" Battery x 2

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

Panasonic

© 2006 Matsushita Electric Industrial Co. Ltd.
All right reserved. Unauthorized copying and
distribution is a violation of law.

