

# Service Manual

42 inch Class 1080p Plasma HDTV

Model No. **TC-P42UT50**

GPF15DU Chassis




For detailed troubleshooting information,  
refer to the "Service Hints/Technical Guide" document posted on the TSN website.  
For information about this model, type TC-P2012 in the model box under "Direct Search".

## **WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

## **IMPORTANT SAFETY NOTICE**

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

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# Panasonic Plasma Troubleshooting Guide

**John D. Lenk**



## **Panasonic Plasma Troubleshooting Guide:**

Electronic Troubleshooting, Fourth Edition Daniel R. Tomal, Aram Agajanian, 2014-04-22 The Most Complete Current Guide to Troubleshooting and Repairing Electrical and Electronic Devices If it's electronic and there is troubleshooting to be done then this is the book to reach for Dr Simon Monk bestselling author of 30 Arduino Projects for the Evil Genius and Hacking Electronics An Illustrated DIY Guide for Makers and Hobbyists an outstanding book on electronic troubleshooting with clear concise and concrete examples that anyone can relate to James Karagiannes Ph D Physics Associate Dean of Engineering and Information Sciences DeVry University Chicago Fully updated for the latest technologies devices test instruments and problem solving methods the new edition of this practical resource provides you with the comprehensive information you need to troubleshoot today's electrical and electronic equipment Inside you'll find new and enhanced coverage of Wireless communications Embedded microprocessor systems Cutting edge medical diagnostic equipment Advanced networking technologies The book uniquely blends traditional electrical theory and components with modern networking and electronic technology Chapter ending questions and problems test your understanding of the topics discussed Filled with tables charts illustrations graphs and flowcharts this is a must have manual for anyone who works with electronics at home or on the job Electronic Troubleshooting Fourth Edition covers Electric motors and generators Industrial controls Residential commercial and wireless communications Radio and television Digital circuits Combinational and sequential digital circuits Microprocessor based systems Biomedical equipment Computer networking and network drives Embedded microprocessor systems *Troubleshooting and Repairing Notebook, Palmtop, and Pen Computers* Stephen J. Bigelow, 1994 *Popular Science*, 2004-12 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better Upgrading and Repairing Laptops Scott Mueller, 2004 Beyond cutting edge Mueller goes where no computer book author has gone before to produce a real owner's manual that every laptop owner should have This book shows the upgrades users can perform the ones that are better left to the manufacturer and more Regional Industrial Buying Guide, 2005 *Welding Design & Fabrication*, 1995 Leo Laporte's Technology Almanac Leo Laporte, Michael Miller, 2005 Leo Laporte is TV and radio's most recognized and prolific technology personality best known for his humor wit and ability to teach both newcomers and grizzled PC veterans In Leo Laporte's 2006 Technology Almanac Leo provides a year's worth of anecdotes tips factoids and musings about the machines at the center of your life A page is devoted to each day of the year and each page includes several elements typically a single topic essay that takes up most of the page on subjects as varied as ergonomics Easter eggs in popular programs processor overclocking and discount travel Web sites and hints tips references to worthwhile software and goofy trivia

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**Complete Guide to Digital Television Troubleshooting and Repair** John D. Lenk,1989      *Profitable Television Troubleshooting* Eugene Anthony,1957      Troubleshooting and Repairing Solid-state TVs Homer L. Davidson,1996 This bestselling television repair book retains all of the impressive features of earlier editions but is now completely revised and up to date ensuring its place as the most comprehensive field guide for solid state TV repair on the market Featuring extensive detailed illustrations and photographs this third edition also contains new flowcharts throughout for on the spot reference Troubleshooting topics include low voltage power supply vertical color and sound picture tube circuits and more 475 illustrations      Repair Tips Database for Panasonic Equipment Euras International,1990      "Mastering TV Repair T Malekar,2024-04-12 Your Go To Guide for TV Repair Mastery Discover the ultimate solution to your TV repair needs with Mastering TV Repair A Comprehensive Guide to Learning TV Repair in 30 Days This comprehensive guide equips you with the knowledge and skills to become your own TV repair expert in just 30 days Dive into the world of television technology and unleash your potential to fix any issue that arises Dive into TV Repair Basics Embark on your journey to becoming a TV repair maestro by delving into the fundamental concepts of television technology From understanding different types of TVs to deciphering common troubleshooting techniques this section lays a solid foundation for your learning Explore the intricacies of circuit boards power supplies and display panels as you grasp the essence of TV repair Master Advanced Repair Techniques Elevate your TV repair prowess to new heights with advanced techniques tailored for the avid learner Unravel the mysteries behind intricate components such as capacitors transistors and integrated circuits Learn how to diagnose complex issues like screen flickering sound distortion and power failures with confidence With step by step instructions and insightful tips conquer any repair challenge that comes your way Accelerate Your Learning Curve Experience accelerated learning like never before with our proven 30 day mastery plan Follow our structured curriculum designed to optimize your learning curve and maximize your retention Each day is packed with hands on exercises real world scenarios and practical

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