TECHNICAL GUIDE

GENERAL INSTRUCTIONS

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HOW THIS REPAIR MANUAL IS COMPILED

This manual describes all stages of repair procedure in regular sequence from a customer’s repair request all the way through casing (assembly of the case), not to mention checking and adjustment, to inspection and test. Please be sure to read through this manual since not only repair services but also comprehensive checking and adjustment are required to ensure long and trouble-free use for customers.

This manual is compiled as follows:

Chapter 1
TROUBLESHOOTING QUESTIONS

This chapter describes what to ask customers for quick and correct repair services, and what can be inferred from customer’s answers and trouble diagnosis.

Chapter 2
REPAIR

This chapter groups the repairing procedures according to analogue quartz, digital quartz, and watch functions, and explains how to check and repair the watches on the basis of trouble findings and diagnoses.

An explanation on how to view the repairing procedures is given in detail in the chapter. Reading while making an actual repair will help you understand the procedures more easily.

Chapter 3
REASSEMBLING ~ CASING

This chapter describes precautions or checking points in the reassembling, lubricating, checking/adjustment, and casing procedures.

Chapter 4
INSPECTION

This chapter lists various inspections to be conducted after finishing a repair.

A low temperature shelf test method is also explained as the final test to check hands or display conditions.

Chapter 5
MEASUREMENT

An explanation on how to measure current consumption and coil resistance for checking/adjustment is given in this chapter with connection diagrams.

Chapter 6
ADJUSTMENT AND REPLACEMENT

This chapter describes how to measure and adjust time accuracy for checking/adjustment and how to replace battery.