

'The Maintenance, Repair, Restoration, Conservation and Preservation of Turret Clocks'

by
Chris McKay

*The Maintenance, Repair,
Restoration, Conservation and
Preservation
of
TURRET CLOCKS*
CHRIS MCKAY



This is the first time ever that a comprehensive practical book has been published that deals with the maintaining and repairing of turret clocks.

'The Maintenance, Repair, Restoration, Conservation and Preservation of Turret Clocks' by Chris McKay is a unique new book that deals in a structured manner with all the aspects declared in its title.

The target audience for the book is the experienced professional horologist who, from time to time, is asked to work on a turret clock. Its objective is to provide the necessary information so that the clockmaker will be able to perform maintenance and appropriate repairs, restoration and conservation. The book will help them assess for themselves how far they can go and when they need to call in specialist assistance.

All will benefit. The restorer will expand their knowledge and experience, the clock will be properly looked after and the owner will be rewarded with a reliable clock that has an attractive dial.

Although aimed at the professional horologist, the book will also be useful to the collector of turret clocks who has a practical bent. Advisers to heritage bodies, Dioceses and those 'just interested' will all find something in the book for them.

The whole book is very graphic with colour photographs on nearly every page. Starting with a visit to a turret clock installation, the book progresses through suggested tools to maintenance where a blow-by-blow description is given of where to apply oil. Inspection is covered plus fault-finding to cover those problems peculiar to turret clock work.

Basic jobs like cleaning, bushing and polishing pivots are covered. A chapter on terminology gives a visual list of all the parts of a turret clock from weights to dial.

Dismantling and re-assembly is described pointing out the need to note assembly marks. Fitting a new suspension spring, timing a clock and finding the cause of erratic performance are all covered.

A section on bells describes bell ringing, bell hammers and the maintenance and repair of clock bell hammers, bell cranks and bell wires. Dials too are covered giving explanations or removal, replacement, painting and gilding.

Health and safety, commercial issues, quotations and faculties are discussed. Work practices such as working at heights, risk assessment and methodologies are introduced. Conservation is first introduced with a plea to be conservation minded. A chapter on the subject explains conservation objectives and the need for compromise since turret clocks are expected to work all the year.

For the collector, a chapter gives information on making stands or finding or making pendulums, weights and dials.

Quarto size, the book is self-published by the author. It runs to 228 pages and has over 400 colour illustrations. Perfect bound, the soft cover is in full colour and matte laminated.

Price £35.00
ISBN-13: 978-1517127206
ISBN-10: 1517127203
Available from: Amazon www.amazon.co.uk
Publication Date: 2016 July

Contents

Introduction	Painting, Lacquering and Waxing	Dials: Gilding and Glazing
Acknowledgements	Flies and Clicks	Wheel and Pinion Tooth Repairs
Your Responsibilities	Weights, Pulleys and Lines	Electrical Turret Clocks
Precautions to Take When Visiting a Turret Clock	Leading off Work, Motionworks and Hands	Automatic Winders
A Turret Clock Installation	Common Turret Clock Escapements	Automatic Correctors
An Introduction to Conservation	Gear Trains	Conservation
Terminology	The Pendulum	Preservation
Recommended Tools	Fitting a New Suspension Spring	Collecting Turret Clocks
Examining a Turret Clock	Timing and Regulation	Methodologies and Risk Assessments
Maintenance	Fault Finding	The Faculty Jurisdiction
Turret Clock Work Strategy	Bells	Quotations
Dismantling and Reassembly	Bell Hammers	Commercial Issues
Cleaning Turret Clocks	Working at Heights	Turret Clock Information Sources
Common Repairs	Dial Removal and Replacement	Bibliography
		Index