# THE ORGAN

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649455645

The Organ by John Stainer

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

# **JOHN STAINER**

# THE ORGAN



# THE ORGAN

# JOHN STAINER

# A NEW EDITION

CRITICALLY REVISED, WITH NUMEROUS ADDENDA, AND ADAPTED TO THE REQUIREMENTS OF BOTH PNEUMATIC AND ELECTRIC ACTIONS

BY

F. FLAXINGTON HARKER



AMFORD LIBRARY

G. SCHIRMER, INC., NEW YORK

AT185 1.7175 .571 (2) .1701 c.2 (2)

7466:0 Exm

Copyright, 1909, by G. Schirmer, Inc.

20730

# STANFORD LIBRARY

Printed in the U.S. A.

# PREFACE TO THE ORIGINAL EDITION.

THERE are two ways in which time may be devoted to the practice of a musical instrument. The first and most common is, to avoid the difficulties which present themselves, and to be content with mastering just so much of the art of playing as will afford a little amusement; the other is, to face at once the special difficulties of the instrument and persevere until they are surmounted. By the former, a player cannot possibly rise above a very mediocre standard, and his performance will never receive higher praise than that of being called tolerable; but by the latter, the highest excellence will be within reach, and the student will be limited in its attainment only by the amount of natural talents with which he may be endowed.

Perhaps no instrument offers such a temptation to triflets as the Organ, for the obvious reason that an immense variety of tone can be produced on it by merely mechanical means. Hence it is of the utmost importance that the student should take his first steps in the right direction. The Author has endeavored to place the true principles of organ-playing before the beginner, and he hopes he has done so in a manner not uninteresting or discouraging.

He takes this opportunity of acknowledging his obligations to the eminent organ-builder, Mr. Henry Willis, for much valuable assistance.

# EDITOR'S PREFACE.

With the exception of a few minor details the work of Sir John Stainer remains the same. The new material in Parts I and II comprises the development of the Pneumatic and Electric Actions, with drawings from Key to Pallet, and, as far as possible, the latest inventions have been described.

In Part III little has been done except the grouping of 4-foot and 2-foot stops under the correct heading of Foundation stops, and, where stops are known by two different names, the old and the new terms are given for completeness.

A list of stops for the Solo and Echo or Celestial Organs, with the character of tone of each stop, together with a complete list of Couplers to be found on Modern Organs, have been added. The section "Hints on Organ Accompaniment" for the church service is not intended to be a complete guide to this important subject, but to serve merely as an introduction to a fascinating and almost endless study.

A few supplementary Pedal Studies nave been added, including the changing from toe to heel of the same foot on one note, glissando on the sharp keys, octave work, double pedal, and chord playing.

I have thought it advisable not to add any exercises for the manuals, because of the vast amount of good music written specially for the organ. A judicious selection from modern organ music will not only develop the pupil's facility at the keyboard, but be the means of giving him a repertoire at the same time. Two pieces are introduced at the end of the work; the first to illustrate rapid changes from one manual to another and the second to illustrate the playing upon two manuals with one hand.

The fingering has been altered to the so-called "Continental" fingering, and the pedal signs simplified.

In a number of cases new and improved illustrations have been used, and at the end of the book will be found a list of musical literature of value to the Church Musician.

Thanks are due to Mr. H. M. Riegel for assistance in compiling the above-mentioned list, and to the firm of J. H. and C. S. Odell & Co., for the use of drawings (registered at the Patent Office) of Pneumatic and Electric Actions.

F. FLAXINGTON HARKER.

New York, January, 1909.

### THE ORGAN.

#### CONTENTS.

Preface to the Original Edition (Page iii), Editor's Preface (Page iv),

#### PART I.

A SHORT SKETCH OF THE HISTORY OF THE ORGAN ( PAGE 1 ).

Ancient Flutes. Flutes on a Box of Wind. Primitive Bellows. Reed- and Flue-pipes. Keys for the Hands. Keys for the Feet. Sliders. Two or More Rows of Keys. Portatif and Positif Organs. Swell Shutters. Horizontal Bellows. Concussion Bellows. Composition Pedals and Combination Pistons. Pneumatic Lever. Improvements in Organ-pipes. Harmonic Stops.

### ADDENDA TO PART I (PAGE 8).

Pneumatic and Electric Actions. Tubular Pneumatic Action. Electric Action. Adjustable Combination Action. Reversible Pedals or Pistons. Tremulant. Automatic Suitable Bass. Universal Air-Chest. Stop Switch. Crescendo Pedal. Double Touch. Stop-Keys, or Tilting Tablets. Melodic Coupler. Duplex Chest Action. Inclined Manuals. Spherical Pedal-Board.

### PART II.

SHORT EXPLANATION OF THE CONSTRUCTION OF AN ORGAN ( PAGE 12 ).

Tracker Action from Key to Pallet. Sticker, Backfall, Tracker. Arrangement of Pipes. From Bellows to Pipes. Trunk, Wind-chest, Pallet, Groove, Slider. Couplers. Tubular Pneumatic Action. Electric Action.

## PART III.

# Stops and Their Management (Page 19).

Tone-quality. Length of Pipes. Classification of Stops: Double, Foundation, Mutation, Compound. List of Chief Manual Stops, Flue and Reed, with Character of Tone. List of Chief Pedal Stops. Combination of Stops on each of the Manuals from pp to ff. Combination of Pedal Stops. Use of Solo Organ. Manual Couplers. Special Stops invented by Hope-Jones. Care of the Swell Organ. Balanced Swell Pedal. General Remarks. Use of the Swell Pedal. Management of Stops.

# PART IV.

#### PRACTICAL STUDY (PAGE 30).

Difficulties Peculiar to Organ-playing. Position on Bench. Straight and Radiating Pedal-Boards. Principles of Pedalling. Free Ankle-joint: Exercises. Method of Pedalling without Looking at Feet: Exercises. Manual Touch: Its Characteristics. Position of Hand: Exercises. Scale-Passages on Pedals. Use of Alternate Toes: Exercises. Independence of Hands: Exercises. Independence of Hands and Feet: Exercises. Toe and Heel: Exercises. Each Hand Separately with Feet: Exercises. Scale-Passages. Easy Trios. The Legato Style. Exercises for Shifting the Fingers. Exercises on the Legato Touch. Supplementary Pedal Studies. Double Pedal. Sliding Foot from One Key to Another. Hints on Organ-Accompaniments: Hymn-Tunes, Chanting, Gregorian Chant. Chorales and Hymn-Tunes. Extended Passages for the Feet. Expression on the Organ. Conclusion.—Allegretto in F (Stainer). Andante in A (Stainer). Fantasia in E minor (Stainer). Adagio in Eb (Stainer). Prelude and Fughetta in C (Stainer). Cantilene pastorale (Guilmant): Playing on Two Manuals with One Hand. Caprice in Bb (Guilmant): Rapid Change of Manuals.

# Musical Literature for the Organist and Choirmaster ( Page 125).

Biographies. Choir Training. Church Music. The Organ: History and Construction. Practical Organ Books. Acoustics. General Reference Works.

# INDEX.

	P		rage.
Accompaniments, Hints on	79	Combination of stops	23
Adagio in E flat	97	Combination pistons	7
Aeoline	24	Composition pedals	7
Allegretto in F	90	Compound stops	19
Ancient flutes	I	Concussion bellows	7
Andante in A	92	Contra Bourdon	22
Ankle, free use of	32	Contra Fagotto	22
Backfall	12	Contra Gamba	19
Backfall coupler	15	Contra Hautboy	21
Backfall (splay)	16	Contra Posaune	21, 22, 26
Balanced Swell-pedal	28	Contre Bombarde	22
Balgentreter	3	Cor Anglais	21, 28
Bass Flute	22, 26	Corno di Bassetto	21, 25
Bassoon (pedal)	22	Соглореап	21
Bass Tuba	26	Cornopean, in combination	24
Beak-flute	1	Counterbalances	6
Bell Diapason	19	Couplers, and their use	15, 27
Bell Gamba	19	Cremona	21, 25
Bellows, concussion	. 7	Crescendo pedal	10
Bellows, diagonal	6	Crossing of feet	19, 50
Bellows, diagram of	6, 14	Diagonal bellows	6
Bellows, early form of	2, 3	Diapason phonon	28
Bellows, horizontal	6	Diapasons	8o
Bellows, number of	3	Diaphone	28
Bellows, pneumatic	16	Diaphragm	16
Bellows, section of	14	Double Bassoon	21
Block of pipe	16	Double Diapason	22
Blowers of old organs	3	Double Diapason (manual)	19, 23
Body, position of	30	Double Diapason (pedal)	22
Bombard	22	Double Dulciana	24
Bourdon, in combination	23, 24	Double English Horn	28
Bourdon (manual)	. 19, 26	Double feeders	6
Bourdon (pedal)	26	Double flute (flageolet)	2
Box of wind	2	Double pedal	78
Button	12	Double Stopped Diapason	22
Cantilène pastorale	107	Double stops (flue)	19
Caprice in Bb	117	Double stops (reed)	21
Carillons	· 26	Double stops (pedal)	22
C C compass	8	Double touch	10
Celestial organ (see Echo organ)		Double Trumpet (Great)	21
Chanting	81	Double Trumpet, in combination	23, 24
Choir organ	4	Double Trumpet (Swell)	24
Choir organ, stops of	25	Double Tuba	26
Chorales	82	Dulciana	19
Chorus stops	19	Dulciana, in combination	23, 24, 25
Clarabella	23, 25	Duplex chest action	11
Clarinet	21, 25	Echo Cornet	20, 26
Clarinet flute	19	Echo Cornet, in combination	24
Clarion	21	Echo organ	5, 26
Clarion, in combination	23, 24	Electric action	8, 18
Clarion (pedal)	22, 26	Expression	88
Combination action		Francisco Contractor	0-

INDEX.	vii
March	

	Page.		Page.
Fagotto	22, 26	Languid	16
Fantasia in E minor	94	Large Open Diapason	19
Feeders	6, 14	Legato style	69
Fifteenth, in combination	23	Lieblich Gedackt	19, 26
Fifteenth (manual)	20	Lieblich, in combination	23, 24, 25
Fifteenth (pedal)	22	Lips of a pipe	16
Flageolet (instrument)	I	1 Martin Committee	
Flageolet (organ stop)	20, 25	Magrepha	8
Flautina	20, 24	Management of stops	29
Flauto traverso	1, 26	Manuals, inclined	11
Flue-pipes	3, 16	Manuals (invention of)	4
Flue-pipes, section of	16	Manual-touch	43
Flue-stops (manual)	19	Melodia	23
Flue-stops (pedal)	22	Melodic coupler	10
Plute	20	Mixture, in combination	23, 24
flute, in combination	23, 25	Mixture (pedal)	22
Flûte à bec	1	Mixture stop	20
lûte à cheminée	19	Musical Literature for Organist and Choirmaster	125
Flûte à pavillon	19	Mutation stops	19, 20
Flûte d'amour	20	Nag's-head swell	5
Flûte harmonique	19, 26	100 <sup>75</sup>	3
Foot of pipes	16	Oboe	3, 21, 24
Foundation stops	19	Octave	20, 22, 23
Fugue-playing	89	Octave Clarion	22
Furniture stop	20	Octave couplers	27
Gamba	2020	Octave Hautboy	21
Gamba, in combination	19	Octave Quint	20, 23
	23	Open Diapason	19
Geigen-Principal Gemshorn	20	Open Diapason, in combination	23, 24, 25
	19, 20	Open Diapason (pedal)	22
Great organ, stops of	23	Ophicleide	22
Gregorian Chant	82	Orchestral Clarinet	26
Grooves	14, 15	Orchestral Flute	26
Gross Flute	19, 26	Orchestral Oboe	26, 28
Hand, position of	43		
Harmonic Flute	19	Pair of organs	8
Harmonic stops	7	Pallet (with diagram)	14, 15
Harmonic Trumpet	21	Pedal-board, radiating	31
Hautboy (Oboe)	21	Pedal-board, spherical	11
Hautboy, in combination	24	Pedal-board, straight	31
High pressure of wind	7	Pedal Exercises	34
Hohlflöte	19	Pedal flue-stops	26
Horizontal bellows, construction of	6, 14	Pedalling, art of	30
Horn	21	Pedal organ, stops of	26
Huggab	8	Pedal reed-stops	26
Hymn-tunes	80	Pedals, invention of	4
Inclined manuals	11	Pedal-touch	31, 32
Independence of hands	52	Phoneuma	28
independence of hands and feet	100	Phrasing	84
en <sup>al</sup> ar and	50, 55	Piccolo	20
Keraulophon	19	Piccolo (Choir)	25
Key-desk, movable	8	1 T. ON THE ST. (NO. 14 CO. 14	24
Keys, early form of	4	Pin, Pin-rail	12
Keys, levers	17	Pipes, arrangement of	13
Kinura	28	Pistons, pneumatic	7
Knees, position of	35	Pistons, reversible	9
Krummhorn	25	Pitch of stops	19