



DESIGNED AND BUILT BY ORGANISTS FOR ORGANISTS

Rydal, Thirlmere,
Windermere & Derwent
The Ultimate English Organs



Makin
Church Organ Builders

MAKIN CHURCH ORGANS



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Makin was founded by John Robert Makin Pilling (1915 - 1996) in 1970. 'Mr Pilling', as he was known to all, with the exception of a few who were allowed to call him 'Mr John', had made his money in the paper mills of Rochdale and had always been a lover of the English pipe organ. He lived in the Lake District, specifically an area called Westmorland, perhaps the most beautiful part of our country with simply stunning scenery of lakes, hills, mountains and rivers often all in the same photograph. During the week he would travel south to Rochdale where his paper mills were based, always impeccably dressed, the archetypical English gentleman. His home, thoughts and emotions were always in the Lake District.

In the late 1960s he realised that the English pipe organ builders were in great trouble and that the way forwards, back then, was to produce electronic organs. Through a variety of transactions he founded Makin Organs in 1970 and ran the company, more or less as a hobby until he died in January 1996.

He is still remembered fondly in England as a digital organ leader and indeed the Pilling Trust was set up when he died with significant assets. To this day the capital remains and the Trust provides grants to help churches install and maintain pipe organs and from time to time supports the purchase of a Makin instrument.

Starting with our origins in the John Compton organ business and to the present day, Makin has always strived to deliver the best in terms of both sound and leading edge technology to a very discerning audience of organists, schooled in the English style of organ building.

John Pilling's great tradition continues today. Our latest instruments, as designed by Professor Ian Tracey (Liverpool Cathedral) and Dr Keith Harrington (Managing Director), are named after lakes in the Lake District, the Rydal (2-25), Thirlmere (2-36), Windermere (3-53) and Derwent (4-68).

Designed and built by organists for organists, these instruments are at the pinnacle of the pipeless organ world with a sound and build quality that simply can't be beaten, yet at a price that is affordable. We never compromise on sound so our instruments are incredibly authentic.

We have an unrivalled in-depth knowledge of our instruments, and church organs in general, so we guide our customers through many questions and options with ease. We have often said you don't buy a Makin organ, but rather you invest in one. Read on and I am sure you will agree that there has never been a better time to do so. Just a matter of weeks later you could have your own 'King of Instruments'.



Fill every nook and cranny with organ sound

With our extensive multi-channel audio systems, which are fully integrated with all hardware and software in the organ, we fill venues with a life like rich and powerful sound. We use only the best amplifiers and speakers to ensure the sound builds impressively from single stops to a full organ chorus with a truly impressive bass line.

Lightning-fast organ start-up

You don't have to sit down with a coffee and wait for our organs to start up. Thanks to our revolutionary technology and use of advanced NAND memory the organ is playable seconds after start up. It is a comfortable and reliable experience for any organist. Simply turn it on and play!



Reliability comes as standard

The reliability of a Makin instrument has always been exceptional. Our latest instruments continue with reliability as standard thanks to the time we take in the design, choice of components and building of each and every instrument with the greatest of care.

*‘The realism of sound
is simply unbelievable
& breathtaking’*

Mr Burgess, Northampton

THE ENGLISH DIGITAL ORGAN



DS-Core technology: the future is here today

The Thirlmere, Windermere and Derwent organs use our latest DS-Core technology bringing the grandeur of the English pipe organ sound to you.

Sound in unprecedented detail

Playing our instruments is incredibly inspiring and authentic; close your eyes and you will believe you are playing a pipe organ.

Real time sampling leads to truly authentic sounds

Using high-end real time sampling technology we record every note of every stop.

What's more we combine this with advanced technologies for the simulation of the organ bellows. Live tuning, dynamic chiff and physiological swell pedals reinforce both your listening and playing experience.

A small two manual, quality English instrument

The Rydal is a small but very capable organ. It is packed with the same range of advanced features found in the larger organs in our series. Its clever design means that it has the versatility and power to be used for many purposes.

Rydal

2-25



A great deal of time and thought went into the specification of this organ, and we carefully selected samples from our vast library to ensure that it delivers the unique sound of a true English organ. With twenty-five speaking stops spread over five channels of amplification (4.1 configuration), the quality of the sound is simply excellent through either our internal or external speaker systems.



Pedal	
Acoustic Bass	32'
Open Diapason	16'
Bourdon	16'
Bass Flute	8'
Choral Bass	4'
Trombone	16'
Great to Pedal	
Swell to Pedal	
Great & Pedal Combinations Coupled	

Great	
Bourdon	16'
Open Diapason	8'
Stopped Diapason	8'
Gamba	8'
Principal	4'
Harmonic Flute	4'
Twelfth	2 2/3'
Fifteenth	2'
Mixture (19.22.26)	III
Trumpet	8'
Swell to Great	

Swell (enclosed)	
Geigen Diapason	8'
Lieblich Gedackt	8'
Celeste II	8'
Gemshorn	4'
Flageolet	2'
Mixture (15.19.22)	III
Corno di Bassetto	16'
Oboe	8'
Tremulant	
Cornopean	8'
Octave	

A large two manual, quality English instrument

The high quality ten-channel audio system (8.2 configuration) and UL speakers ensure the Thirlmere is the ideal two manual English organ with the flexibility and power to take on any challenge.



2-36T

Thirlmere



2-36D

The Thirlmere is a complete 'hymn machine' which will enhance any act of worship. Its well-designed specification means it can also be used for orchestral concerts, choral events and organ recitals.



Pedal	
Contra Violone	32'
Open Wood	16'
Violone	16'
Bourdon	16'
Principal	8'
Bass Flute	8'
Choral Bass	4'
Trombone	16'
Trumpet	8'
Great to Pedal	
Swell to Pedal	
Great & Pedal Combinations Coupled	

Great	
Bourdon	16'
Open Diapason I	8'
Open Diapason II	8'
Hohl Flute	8'
Stopped Diapason	8'
Gamba	8'
Principal	4'
Harmonic Flute	4'
Twelfth	2 2/3'
Fifteenth	2'
Seventeenth	1 3/5'
Mixture (19.22.26)	III
Corno di Bassetto	8'
Posaune	8'
Swell to Great	

Swell (enclosed)	
Lieblich Bourdon	16'
Geigen Diapason	8'
Lieblich Gedackt	8'
Salicional	8'
Voix Celeste	8'
Geigen Principal	4'
Lieblich Flute	4'
Fifteenth	2'
Mixture (15.19.22)	III
Oboe	8'
Tremulant	
Contra Fagotto	16'
Cornopean	8'
Clarion	4'
Sub Octave	
Octave	
General on Swell Toe Pistons	

A three manual, quality English instrument

The Windermere is the ideal three manual English organ. With a sixteen-channel audio system (14.2 configuration) it delivers on its promise even in the largest of buildings.



Windermere



3-53D

This instrument has everything: lush swell strings, flutes of all timbres, luxurious diapason choruses, mutations galore and thrilling solo reeds. The foundations of the sound are provided by a pedal division that delivers a punch at all pitches.
Hearing is believing.



Pedal	
Contra Violone	32'
Open Wood	16'
Violone	16'
Bourdon	16'
Lieblich Bourdon (Sw)	16'
Principal	8'
Bass Flute	8'
Choral Bass	4'
Contra Trombone	32'
Ophicleide	16'
Trombone	16'
Trumpet	8'
Schalmei	4'
Choir to Pedal	
Great to Pedal	
Swell to Pedal	
Great & Pedal Combinations Coupled	

Choir (enclosed)	
Stopped Diapason	8'
Viol D'Orchestra	8'
Viole Celeste	8'
Rohr Flute	4'
Nazard	2 2/3'
Block Flute	2'
Tierce	1 3/5'
Larigot	1 1/3'
Sifflet	1'
Corno di Bassetto	8'
Vox Humana	8'
Tremulant	
Solo Trumpet	8'
Tuba	8'
Sub Octave	
Octave	
Swell to Choir	

Great	
Bourdon	16'
Open Diapason I	8'
Open Diapason II	8'
Hohl Flute	8'
Stopped Diapason	8'
Gamba	8'
Principal	4'
Harmonic Flute	4'
Twelfth	2 2/3'
Fifteenth	2'
Mixture (19.22.26.29)	IV
Great Reeds on Choir	
Contra Posaune	16'
Posaune	8'
Clarion	4'
Choir to Great	
Swell to Great	

Swell (enclosed)	
Lieblich Bourdon	16'
Geigen Diapason	8'
Lieblich Gedackt	8'
Salicional	8'
Voix Celeste	8'
Geigen Principal	4'
Lieblich Flute	4'
Fifteenth	2'
Mixture (15.19.22.26)	IV
Oboe	8'
Tremulant	
Contra Fagotto	16'
Cornopean	8'
Clarion	4'
Sub Octave	
Octave	
General on Swell Toe Pistons	

The ultimate four manual, quality English instrument

As with all our instruments, the Derwent was designed, specified and voiced in close collaboration with Professor Ian Tracey (Liverpool Cathedral). This is the ultimate four manual motorised drawstop English instrument.

Derwent

4-68



This instrument has a generous set of nineteen amplifiers and speakers (16.3 configuration) for its sixty eight speaking stops delivering a wonderful English sound of the organ in all its glory.
It's what dreams are made of.



Pedal	
Double Open Diapason	32'
Contra Violone	32'
Open Wood	16'
Open Metal	16'
Violone	16'
Bourdon	16'
Lieblich Bourdon (Sw)	16'
Principal	8'
Cello	8'
Bass Flute	8'
Choral Bass	4'
Mixture (15.19.22)	III
Contra Trombone	32'
Ophicleide	16'
Trombone	16'
Trumpet	8'
Schalmei	4'
Choir to Pedal	
Great to Pedal	
Swell to Pedal	
Solo to Pedal	
Great & Pedal Combinations Coupled	

Choir (enclosed)	
Chimney Flute	8'
Unda Maris	8'
Gamba	8'
Rohr Flute	4'
Nazard	2 2/3'
Blockflute	2'
Tierce	1 3/5'
Larigot	1 1/3'
Sifflet	1'
Cymbal (29.33.36)	III
Corno di Bassetto	8'
Trompette Harmonique	8'
Tremulant	
Sub Octave	
Octave	
Swell to Choir	
Solo to Choir	

Great	
Double Open Diapason	16'
Open Diapason I	8'
Open Diapason II	8'
Hohl Flute	8'
Stopped Diapason	8'
Principal	4'
Harmonic Flute	4'
Twelfth	2 2/3'
Fifteenth	2'
Mixture (19.22.26.29)	IV
Sharp Mixture (26.29.33)	III
Contra Posaune	16'
Trumpet	8'
Clarion	4'
Choir to Great	
Swell to Great	
Solo to Great	

Swell (enclosed)	
Lieblich Bourdon	16'
Geigen Diapason	8'
Lieblich Gedackt	8'
Salicional	8'
Voix Celeste	8'
Geigen Principal	4'
Suabe Flute	4'
Fifteenth	2'
Mixture (15.19.22.29)	IV
Oboe	8'
Tremulant	
Contra Fagotto	16'
Cornocean	8'
Clarion	4'
Sub Octave	
Octave	
Solo to Swell	
General on Swell Toe Pistons	

Solo (enclosed)	
Quintaton	16'
Harmonic Flute	8'
Concert Flute	4'
Piccolo	2'
Viol D'Orchestra	8'
Viole Celeste	8'
Vox Humana	8'
Orchestral Oboe	8'
Tremulant	
Diapason Stentor	8'
French Horn	8'
Tuba Mirabilis	8'
Orchestral Trumpet	8'
Sub Octave	
Octave	

Technical Specifications

<i>Makin</i>	<i>Rydal 2-25</i>	<i>Thirlmere 2-36</i>	<i>Windermere 3-53</i>	<i>Derwent 4-68</i>
Software Implementation	Oranje-core +	DS-core	DS-core	DS-core
Manuals	2	2	3	4
Speaking Stops	25	36	53	68
Ranks	29	40	59	80
Couplers	3	3	6	10
Octave Couplers	1	2	4	6
Other Couplers	1	2	3	2
Tremulants	1	1	2	3
Organ Control	Illuminated Tabstop	Illuminated Tabstop or Motorised Drawstop	Illuminated Tabstop or Motorised Drawstop	Motorised Drawstop
<i>Console Dimensions</i>				
Tabstop: Height (excluding music desk)	117cm	117cm	124cm	n/a
Tabstop: Height (including music desk)	141cm	141cm	148cm	n/a
Tabstop: Width	145cm	145cm	146cm	n/a
Tabstop: Depth (excluding pedalboard)	63cm	63cm	75cm	n/a
Tabstop: Depth (including pedalboard)	111cm	111cm	118cm	n/a
Drawstop: Height (excluding music desk)	n/a	134cm	134cm	134cm
Drawstop: Height (including music desk)	n/a	139cm	142cm	148cm
Drawstop: Width	n/a	164cm	164cm	181cm
Drawstop: Depth (excluding pedalboard)	n/a	75cm	75cm	75cm
Drawstop: Depth (including pedalboard)	n/a	121cm	121cm	121cm
<i>Console & Finish</i>				
6 Standard Finishes On Oak	*	*	*	*
Other Woods & Finishes	optional	optional	optional	optional
Wooden Lockable Roll Top	*	*	*	*
Brass Music Desk Clips	*	*	*	*
Programmable Swell pedals	1	1	2	3
Additional Programmable Swell pedals	optional	optional	optional	optional
Brass Toe Studs	0	18	18	18
Additional Brass Toe Studs	optional	optional	optional	optional
Bench	*	*	*	*
Bench With Lifting Lid	optional	optional	optional	optional
Height Adjustable Bench	optional	optional	optional	optional
32 Note AGO Pedalboard with Natural Sharps	*	*	*	*
Pedalboard LED Illumination	*	*	*	*
<i>Manuals</i>				
Synthetic Tracker Touch 61 Note (5 octave)	*	*	*	*
Synthetic Tracker Touch 61 Note (5 octave) with Wood Core	optional	optional	optional	optional

<i>Memory & Pistons</i>	<i>Rydal 2-25</i>	<i>Thirlmere 2-36</i>	<i>Windermere 3-53</i>	<i>Derwent 4-68</i>
Levels	125	250; 999 with USB	250; 999 with USB	250; 999 with USB
Divisional Pistons (per division)	8	8	8	8
General Pistons	8	8	8	8
Separate Divisional & General Memories	optional	on drawstop, optional on tabstop	on drawstop, optional on tabstop	*
General Cancel Piston	*	*	*	*
Setter Piston	*	*	*	*
Piston Sequencer	optional	on drawstop, optional on tabstop	on drawstop, optional on tabstop	*
<i>Digital Screen Controls</i>				
Graphical Representation of Swell Pedal Position	n/a	*	*	*
Manual Bass	*	*	*	*
Memory Level	*	*	*	*
Temperaments	11	12	12	12
Transposition	*	*	*	*
Tuning	*	*	*	*
USB	n/a	*	*	*
<i>Miscellaneous</i>				
All stops C-C# split	*	*	*	*
Bellows Simulator	*	*	*	*
Dynamic Chiff	*	*	*	*
General & Reverb Volumes	*	*	*	*
Live Tuning	*	*	*	*
Physiological Swell Pedals	*	*	*	*
Reverberation Styles	12	12	12	12
<i>Audio</i>				
Audio System	4.1	8.2	14.2	16.3
Audio Control	Digitally Equalised	Digitally Equalised	Digitally Equalised	Digitally Equalised
Convolution Reverb	*	*	*	*
Full Range Amplifiers (180w)	4	8	14	16
Bass Amplifiers (350w)	1	2	2	3
Internal Only Speakers	optional	n/a	n/a	n/a
External Main Speakers	2 of UL2800 dual	4 of UL2800 dual	7 of UL2800 dual	8 of UL2800 dual
External Subwoofers	1 of UL3300	2 of UL3300	2 of UL3300 or 1 of UL6000 and 1 of UL3300	1 of UL6000, 2 of UL3300
Headphone/Aux Out	Spatial Sound Experience	Spatial Sound Experience	Spatial Sound Experience	Spatial Sound Experience
<i>External Connections</i>				
MIDI In, MIDI MOD-Out, MIDI SEQ-Out	*	*	*	*
Aux In	*	*	*	*
Aux Out	*	*	*	*
USB to PC	*	*	*	*
Headphone	*	*	*	*



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