

QUANTUM™

## Q311SP Deluxe Theatre/Classic Organ

Three-Manual/12 Rank Theatre/  
17 Rank Classic Organ

Featuring Independent Theatre and Classical Voices

*Note-by-note voicing, tuning and regulation are only the beginning!*

The accuracy of digitally-sampled tremulants and the spatial dimension of Acoustic Portrait™ show you why Quantum™ Theatre Organs are taking the theatre world by storm.

Both the Q311SP and Q211SP Include:

- Patented Quantum™ Technology with Acoustic Portrait™ and Real Xpression™
- Stop-by-Stop and Note-by-Note Voicing
- Deluxe Mechanical Stop Action
- User Reconfigurable Pistons
- Individually Adjustable Felted Keys
- Allen Ensemble™—243 Internal MIDI Voices



## Q211SP Theatre/Classic Organ

Two-Manual/10 Rank Theatre/  
17 Rank Classic Organ

Featuring Independent Theatre and Classical Voices



Acoustic  
Portrait™

Quantum instruments are the only digital organs to bring the science of sampling to acoustics! Acoustic Portrait™ begins with a sampling process using impulse responses that measure an actual room's acoustic properties. These measurements are then stored in the organ's computer memory. Through an advanced real-time mathematical process called convolution, the acoustics of the sampled room actually become an integral part of the organ's sound, producing a noticeably smoother, more natural result than synthetic reverb. Allen engineers have recorded the acoustics of acoustically desirable buildings throughout the world. With advanced processors (DSPs) and patented low-latency convolution algorithms, Acoustic Portrait™ reproduces the true acoustic response of each original room with stunning realism! Each Quantum™ Organ features 10 different Acoustic Portraits.

And we don't stop there! We've even applied convolution acoustics to faithfully recreate how expression shutters affect a pipe organ's sound. We call it Real Xpression™ and when you hear it you'll know why. It's not just a change in volume used in other digital organs, it's the same thrilling feeling you get when you hear a pipe organ really open up!

## Q311SP Deluxe Package Three-Manual Specifications

12 Rank Theatre /17 Rank Classic Organ

5 Tuned Percussions plus Traps

### THEATRE VOICES

PEDAL	GREAT
16 Ophicleide	16 English Post Horn
16 Diaphone	16 Tuba Horn
16 Tibia Clausa	16 Diaphone
16 Violone	16 Tibia Clausa
8 English Post Horn	16 Orchestral Oboe
8 Tuba Horn	16 Violins 2 Rks
8 Open Diapason	16 Vox Humana
8 Tibia Clausa	8 English Post Horn
8 Clarinet	8 Tuba Horn
8 Flute	8 Open Diapason
Accomp. To Pedal	8 Tibia Clausa
MIDI On Pedal	8 Clarinet
Bass Drum <i>Mixture III</i>	8 Orchestral Oboe
Tap Cymbal (Brush)	8 Violins 2 Rks
<i>Great to Pedal</i>	8 Concert Flute
	8 Vox Humana
	5 1/3 Fifth (Tibia)
	4 Octave
	4 Piccolo
	4 Violins 2 Rks
	2 2/3 Twelfth
	2 Piccolo
	1 Fife (Flute)
	<i>Glockenspiel Mixture III</i>
	<i>Xylophone Mixture IV</i>
	Solo To Great
	MIDI On Great

ACCOMP.	SOLO
8 English Post Horn	16 English Post Horn
8 Tuba Horn	16 Tuba Horn
8 Open Diapason	16 Tibia Clausa
8 Tibia Clausa	16 Vox Humana
8 Clarinet	8 English Post Horn
8 Violins 2 Rks	8 Tuba Horn
8 Concert Flute	8 Open Diapason
8 Vox Humana	8 Tibia Clausa
4 Octave	8 Clarinet
4 Piccolo	8 Orchestral Oboe
4 Violins 2 Rks	8 Violins 2 Rks
4 Concert Flute	8 Vox Humana
4 Vox Humana	4 Piccolo
<i>Chrysoglott Mixture IV</i>	2 2/3 Twelfth
Snare Drum	2 Piccolo
Tom Tom (Cast's)	1 3/5 Tierce
Cow Bell (Wood Blk)	Sub-Chrysoglott
Hi-Hat (Tamb.)	<i>Glockenspiel Mixture III</i>
Tap Cymbal (Brush)	<i>Xylophone Mixture IV</i>
Alternate Traps	Cathedral Chimes
Accomp. Traps	MIDI On Solo
2nd Touch	
MIDI On Accomp.	

ACCOMP. 2ND TOUCH	GENERAL
8 English Post Horn	Melody Coupler
8 Tuba Horn	Master Expression
8 Tibia Clausa	Acc Violins/Dolce
8 Clarinet	Chrysoglott/ Wood Harp
Sub-Chrysoglott	Persian Cymbal (TS)
Great Octave	
Solo Unison	
MIDI On Accomp.	
2nd	

Note: Italics indicate  
Second Voices

## Q211SP Deluxe Package Two-Manual Specifications

10 Rank Theatre /17 Rank Classic Organ

4 Tuned Percussions plus Traps

### THEATRE VOICES

PEDAL	SOLO
16 Ophicleide	16 English Post Horn
16 Diaphone	16 Tuba Horn
16 Tibia Clausa	16 Diaphone
8 English Post Horn	16 Tibia Clausa
8 Tuba Horn	16 Violins 2 Rks
8 Open Diapason	16 Vox Humana
8 Tibia Clausa	8 Tuba Horn
8 Clarinet	8 Open Diapason
8 Flute	8 Tibia Clausa
Accomp. To Pedal	8 Clarinet
MIDI On Pedal	8 Orchestral Oboe
Bass Drum <i>Mixture III</i>	8 Violins 2 Rks
Cymbal <i>Solo to Pedal</i>	8 Vox Humana
	5 1/3 Fifth
	4 Octave
	4 Piccolo
	4 Violins 2 Rks
	2 2/3 Twelfth
	2 Piccolo
	1 3/5 Tierce
	<i>Glockenspiel Mixture III</i>
	<i>Xylophone Mixture IV</i>
	Cathedral Chimes
	MIDI On Solo
	GENERALS
	Persian Cymbal (Piston)
	TREMULANTS
	Main
	Tibia/Vox

### Q311SP Deluxe & Q211SP Consoles Include:

- Console Controller™ with Transposer, Acoustic Portrait™ and Real Xpression™
- Allen Ensemble™ Division
- General, GS and XG MIDI compatibility
- Sostenuo with kick switch
- 8-Memory Capture
- 10-Year Limited Warranty

### Q311SP Deluxe Standard Features:

- OST™ (Optical Sensor Technology) keying on Solo and Great; Sustain kick switch; 2nd Touch on Accomp.
- Capture: 10 Solo, 10 Great, 10 Accompaniment, 5 Pedal, 15 General, Set, Cancel, Recall, T1, T2
- Console Dimensions:  
Width: 59 5/8" (151.4 cm), Height: 52" (132.1 cm), Depth without pedalboard: 32 5/8" (82.9 cm),  
Depth with pedalboard: 50" (127 cm)
- Audio System: Two channels totaling 200 watts RMS (self-contained speakers)

### Q211SP Standard Features:

- OST™ (Optical Sensor Technology) keying on Solo and Accompaniment
- Capture: 6 Solo, 6 Accompaniment/Pedal, 10 General, Set, Cancel, Recall
- Console Dimensions:  
Width: 57 5/8" (146.4 cm), Height: 47" (119.4 cm), Depth without pedalboard: 31" (78.7 cm),  
Depth with pedalboard: 50" (127 cm)
- Audio System: Two channels totaling 200 watts RMS (self-contained speakers)

Q311SP Deluxe & Q211SP Options: Allen Vista™, External Speaker Addition, Reflections™ Package

Specifications and stop lists subject to change without notice or obligation.



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