

The
Quantum™ T321Q

BY ALLEN

**A 42 RANK / THREE-MANUAL
 THEATRE / CLASSIC ORGAN**

Featuring:

- ~ Patented Quantum™ Technology ~
- ~ Acoustic Portrait™ and Real Xpression™ ~
- ~ Independent Theatre and Classical Voices ~
- ~ Stop-by-Stop and Note-by-Note Voicing ~
- ~ Optical Sensor Technology Keying (OST™) ~
 - ~ Deluxe Mechanical Stop Action ~
 - ~ User Reconfigurable Pistons ~
- ~ Individually Adjustable Felted Keys ~
- ~ Advanced MIDI Capabilities ~

TWO COMPLETE VOICINGS:

CLASSICAL

French Trompette
Trompette
Tromba
Principal
Bourdon
Gedackt
Cromorne
Hautbois
English Horn
Gamba
Viola
Viola Celeste
Harmonic Flute
Vox Humana (English)
Mixture IV
Mixture III

THEATRE

Posthorn
 Brass Trumpet
 Tuba Horn
 Trumpet
 Open Diapason
 Solo Tibia Clausa
 Tibia Clausa
 Clarinet
 Krumet
 Orchestral Oboe
 Saxophone
 Solo Violin
 Violin
 Violin Celeste
 Oboe Horn
 Quintadena
 Concert Flute
 Vox Humana
 Dolce
 Dolce Celeste
 Ped Tibia Pizz

EFFECTS

Persian Cymbal
 Crash Cymbal
 Wind Chimes
 Auto Horn
 Storm
 Siren
 Bird

TRAPS

Bass Drum
 Snare Drum
 Tom-Tom
 Castanets
 Tambourine
 High Hat
 Tap Cymbal
 Brush Cymbal

PERCUSSIONS

Piano
 Wood Harp
 Chrysoglott
 Vibraharp
 Xylophone
 Glockenspiel
 Chimes



Allen organs®

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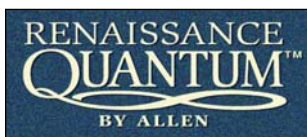
A 42 RANK/THREE-MANUAL THEATRE/CLASSIC ORGAN

Two Complete Voicings—21 Theatre and 21 Classical Ranks

Preliminary Specifications

Specifications and stop lists subject to change without notice or obligation

THEATRE VOICES		CLASSICAL VOICES	THEATRE VOICES		CLASSICAL VOICES	THEATRE VOICES		CLASSICAL VOICES
PEDAL								
32	Contra Violone	<i>Contra Violone</i>	16	Double English Horn	<i>French Trompette</i>	8	English Posthorn	<i>French Trompette</i>
16	Ophicleide	<i>Posaune</i>	16	Brass Trumpet (tc)	<i>Trompette</i>	8	Brass Trumpet	<i>Trompette</i>
16	Diaphone	<i>Diapason</i>	16	Bombarde	<i>Tromba</i>	8	Tuba Mirabilis	<i>Tromba</i>
16	Violone	<i>Violone</i>	16	Diaphone	<i>Diapason</i>	8	Trumpet	<i>Trumpet</i>
16	Bourdon	<i>Bourdon</i>	16	Solo Tibia Clausa (tc)	<i>Bourdon</i>	8	Open Diapason	<i>Principal</i>
8	English Posthorn	<i>French Trompette</i>	16	Tibia Clausa (tc)	<i>Gedackt</i>	8	Solo Tibia Clausa	<i>Bourdon</i>
8	Trumpet	<i>Tromba</i>	16	Clarinet	<i>Cromorne</i>	8	Tibia Clausa	<i>Gedackt</i>
8	Open Diapason	<i>Octave</i>	16	Krumet (tc)	<i>Krumet</i>	8	Clarinet	<i>Cromorne</i>
8	Solo Tibia Clausa	<i>Gedackt</i>	16	Orchestral Oboe (tc)	<i>Basson</i>	8	Krumet	<i>Krumet</i>
8	Pizz Tibia		16	Saxophone (tc)	<i>English Horn</i>	8	Orchestral Oboe	<i>Hautbois</i>
8	Clarinet	<i>Cromorne</i>	16	Violins 3 rks (tc)	<i>Violas III</i>	8	Saxophone	<i>English Horn</i>
8	Flute	<i>Harmonic Flute</i>	16	Vox Humana (tc)	<i>Vox Humana</i>	8	Violins 3 rks	<i>Violas III</i>
16	Piano	<i>Choralbass 4</i>	8	English Posthorn	<i>French Trompette</i>	8	Concert Flute	<i>Harmonic Flute</i>
8	Piano	<i>Mixture III</i>	8	Brass Trumpet	<i>Trompette</i>	8	Vox Humana	<i>Vox Humana</i>
	Accomp to Pedal		8	Tuba Mirabilis	<i>Tromba</i>	4	Solo Piccolo	<i>Bourdon</i>
	Bass Drum	<i>Great to Pedal</i>	8	Trumpet	<i>Trumpet</i>	4	Piccolo	<i>Gedackt</i>
	Tap Cymbal/Brush		8	Open Diapason	<i>Principal</i>	2 ^{2/3}	Twelfth	<i>Nasard</i>
ACCOMP								
8	English Posthorn	<i>French Trompette</i>	8	Solo Tibia Clausa	<i>Bourdon</i>	2	Solo Piccolo	<i>Piccolo</i>
8	Brass Trumpet	<i>Trompette</i>	8	Tibia Clausa	<i>Gedackt</i>	1 ^{3/5}	Tierce	<i>Tierce</i>
8	Tuba Mirabilis	<i>Tromba</i>	8	Clarinet	<i>Cromorne</i>		Sub Octave	
8	Trumpet	<i>Trumpet</i>	8	Krumet	<i>Krumet</i>	8	Piano	
8	Open Diapason	<i>Principal</i>	8	Orchestral Oboe	<i>Hautbois</i>		Harp Sub	
8	Tibia Clausa (m)	<i>Gedackt</i>	8	Saxophone	<i>English Horn</i>		Chrysoglott	
8	Clarinet	<i>Cromorne</i>	8	Violins 3 rks	<i>Violas III</i>		Vibraphone	
8	Violins 3 rks	<i>Viola Celeste III</i>	8	Quintadena	<i>Quintadena</i>		Xylophone	<i>Mixture IV</i>
8	Oboe Horn	<i>Oboe Horn</i>	8	Concert Flute	<i>Harmonic Flute</i>		Glockenspiel	<i>Mixture III</i>
8	Quintadena	<i>Quintadena</i>	8	Vox Humana	<i>Vox Humana</i>	Acc 2nd Touch		
8	Concert Flute	<i>Harmonic Flute</i>	5 ^{1/3}	Tibia Quint	<i>Quintflöte</i>	8	English Posthorn	<i>French Trompette</i>
8	Vox Humana	<i>Vox Humana</i>	4	Octave	<i>Octave</i>	8	Brass Trumpet	<i>Trompette</i>
4	Octave	<i>Octave</i>	4	Solo Piccolo	<i>Bourdon</i>	8	Tuba Mirabilis	<i>Tromba</i>
4	Piccolo	<i>Gedackt</i>	4	Piccolo	<i>Gedackt</i>	8	Trumpet	<i>Trumpet</i>
4	Concert Flute	<i>Harmonic Flute</i>	4	Violins 3 rks	<i>Violas III</i>	8	Solo Tibia Clausa	<i>Bourdon</i>
	Acc Violins > Dolces		4	Flute	<i>Harmonic Flute</i>	8	Clarinet	<i>Cromorne</i>
	Octave		2 ^{2/3}	Twelfth	<i>Twelfth</i>		Great Octave Acc	
8	Piano	<i>Mixture IV</i>	2	Solo Piccolo	<i>Piccolo</i>		Solo to Acc	
	Harp Sub		2	Piccolo	<i>Piccolo</i>		Perc on 2nd	
	Harp		2	Fifteenth	<i>Fifteenth (Prin)</i>	Great 2nd Touch		
	Chrysoglott		1	Fife (Fl)	<i>Fife</i>	16-8	English Posthorn	<i>French Trompette</i>
	Snare Drum/Tambourine			Xylophone	<i>Mixture IV</i>		Solo to Great	
	Tom-Tom/Castanets			Glockenspiel	<i>Mixture III</i>		Solo to Great Pizz	
	Hi-Hat			Sub Octave		TREMULANTS		
	Tap Cymbal/Brush			Octave			Main	
	Alternate Traps			Solo Sub Great			Clarinet	
	Traps to 2nd T			Solo to Great			Solo	
							Tibia/Vox	



T321Q Features:

- Console Controller™ with Local Off, Transposer and Acoustic Portrait™ switch
- Real Xpression™—pipe chamber convolution
- Sampled Tremulant Sounds™
- Sostenuto and Pizzicato
- General, GS and XG MIDI compatibility
- OST™ (Optical Sensor Technology) keying on Solo Manual, 2nd Touch on Great and Accompaniment
- Console Dimensions: Width 59 5/8"; Height 62" with music rack; Depth 32 5/8" without pedalboard, 57" with pedalboard.
- Audio System: 7 channels totaling 700 watts RMS; 6 HR-100 cabinets; 1 HC-20 Pedal cabinet.
- Optional Rear-Reflections™ acoustical enhancement package



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Stop Pistons	
Solo String Off	<i>So-Lft</i>
Solo Chimes	<i>So-Lft</i>
Percussion Unenclosed	<i>Gt-Lft</i>
Master Expression	<i>Gt-Lft</i>
Wood Harp Re-it	<i>Ac-Lft</i>
MIDI on Pedal	<i>Ac-Lft</i>
Vibe Motors On	<i>So-Rt</i>
MIDI on Solo	<i>So-Rt</i>
MIDI on Great 2nd	<i>Gt-Rt</i>
MIDI on Great	<i>Gt-Rt</i>
MIDI on Acc 2nd	<i>Ac-Rt</i>
MIDI on Acc	<i>Ac-Rt</i>
Toe Pistons	
Persian Cymbal	
Crash Cymbal	
Storm	
Siren	
Horn	
Bird	
Wind Chimes	