

Opera 450



The majestic excellence for wide venues

- Full availability of sound libraries
- Tracker Touch + Tracker Noise Effect for a true mechanical organ feeling
- Wide set of Sub and Super couplers
- Dante® audio system available to easily manage the outputs
- Enhanced editor area for intuitive routing
- State of the art craftsmanship



SPECIFICATIONS

OVERVIEW

Technology	Physisplus Advanced Physical Modelling
Manuals	3
Total Stop Controls	54 Organ + 7 Orchestral
Pedal	12
MAN I	11
MAN II	15
MAN III	16
Alternative Organ Voices	5 or more on each drawknob
Alternative Orchestral Voices	30 or more on each orchestral drawknob
Couplers	15
Memory Locations	1000 (000 - 999)
Memory Banks	9
Total Memories	9000
Piston Sequencer	Two sets of thumb pistons; Two toe pistons
Speakers Controls	Console, External
DIMENSIONS	
Height (excluding music desk)	cm 127 - 50"
Height (including music desk)	cm 151,5 - 59,6"
Width	cm 164,1 - 64,6"
Depth (excluding pedal board)	cm 70,5 - 27,7"
Depth (including pedal board)	cm 111,2 - 43,7"
Weight	Kg 195 - Lbs 430
CABINET	
Wood Veneer	Dark oak, Light oak
ACCESSORIES	
Bench	With Music Storage shelf
Adjustable Bench	Optional
MIDI Enable	Yes (Front rail)
Orchestra and Midi Sustain	Side Switch on Expression Pedal
DISPLAY	
Display Dimensions	128 x 64 dots Graphic with Backlight
Stops Voicing	Available
Divisional Volume	Available
Tremulant	2 independent for each division
Reverb	16 presets
Ensemble Effect	Adjustable
Temperaments	19 Historical + 4 user programmable
Short Octave	Available
Keyboards Inversion	Available
Internal Routing	Programmable for each stop
Internal Equalizer	5 Band Graphic EQ
MIDI Sequencer	Available
File Manager	Load, Save, Backup, Restore

Lock Organ	With Password
MUSIC DESK	
Plexiglass Desk with Light	Included
Adjustable Desk	Optional
MANUALS - KEYBOARDS	
Standard Keyboards	Available
Plastic Black Keyboard Covered with Real Wood	Optional
Ivory / Wood Colored Plastic With Wooden Core	Optional
Viscount AWK Keyboards With Wooden Core	Optional
PEDALBOARD	
32 note Straight Concave or Flat, Radiating Concave	Available
32 note AGO	Optional
CONNECTIONS	
MIDI In - MIDI Out	Available
Aux In, Aux Out	Available
Headphones Out	Available
USB	A-Type (USB pen) B-Type (Connection to Physis Editor)
EXTERNAL OUTPUTS	
Channels	12 programmable (optional: up to 28)
Channel Assign	Voice, General, Sub, Reverb
Equalizer	5 Band Graphic EQ for each channel, EQ for Sub
Routing	Programmable for each stop
Volume	Adjustable for each channel
REVERB SYSTEM	
True Stereo Reverb	16 new unique presets
Additional Parameters:	Wet/Dry Early reflection Decay Time
Left/Right	Assignable to external outputs
SOUND AMPLIFICATION	
Internal Amplifiers	6 channels Class-D amplifier - 150W per channel
Internal Speakers	10 total 4 tweeter 4 mid-range 2 x 10" woofer
Channel Assignable	Reverb LR General Sub
PIPE SETS	
Modern, Baroque, Romantic, Symphonic, English Cathedral + 5 assignable sets	
DISPLAY MENU FUNCTIONS	
Temperaments	Available
Pipe Set	Available
Pitch	Available
Crescendo Steps	Available
2x Expression Pedals Level	Available
Transposer	Available
Quick Access	Levels (Master, Reverb, Ext Out, ...); Songs

STANDARD DISPOSITION

STOPS: 54 | PED: 12 | MAN I: 11 | MAN II: 15 | MAN III: 16

PEDAL

Untersatz 32'
Principalbass 16'
Subbass 16'
Bourdon 16'
Violonbass 16'
Octavbass 8'
Gedackt 8'
Choralbass 4'
Mixture IV
Contra Bombarde 32'
Posaune 16'
Trompette 8'
II 8'
III 8'
III 4'
I 8'

MAN I

Rohrgedackt 8'
Quintadena 8'
Principal 4'
Gedacktflöte 4'
Octave 2'
Sesquialtera II
Quinte 1 1/3'
Sifflöte 1'
Scharff III
Dulzian 16'
Cromorne 8'
Tremulant
I 16'
III 16'
III 8'
III 4'
I 8'

MAN II

Principal 16'
Principal 8'
Flöte Harmonique 8'
Gedackt 8'
Gamba 8'
Unda Maris 8'
Octave 4'
Spitzflöte 4'
Quinte 2 2/3'
Superoctave 2'
Mixture V
Kornett IV
Contra Trompette 16'
Trompette 8'
Klarine 4'
Tremulant
III 16'
III 8'
III 4'
I 8'

MAN III

Bourdon 16'
Geigen Principal 8'
Rohrgedackt 8'
Viola di Gamba 8'
Vox Celeste 8'
Octave 4'
Rohrflöte 4'
Nasard 2 2/3'
Blockflöte 2'
Terz 1 3/5'
Plein Jeu IV
Fagott 16'
Trompette 8'
Oboe 8'
Vox Humana 8'
Clairon 4'
Tremulant
III 16'
III 8'
III 4'
I 8'



COLOURS

