

# 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 slots	9
Total Memory loc.	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
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### 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'

### 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'



## COLOURS

