

Wurlitzer Theater Pipe Organ Model R-16

Enlarged to 14 ranks with full complement of tuned percussion instruments and traps. The organ features a historically significant one-of-a-kind curved, double bolster stoprail 3 manual console. The console, originally installed in the Wurlitzer factory studio boardroom, was used to create master rolls used in the production of rolls for Wurlitzer R-Model reproducing roll players. The console sides and original bench are richly carved walnut wood, stained a dark Jacobean.

The instrument has been fully and correctly rewired and re-leathered. The restoration included the addition of a Uniflex computer relay system which allows the instrument to record and play back original artist's performance. It also includes adjustable combination piston settings, key transposer, stop definition changes, console-to-chamber diagnostics, and a "keys-played" monitor display, among other features. A full-size upright player piano in matching Jacobean walnut is also part of the unit, but is not currently piped to the organ. The organ is in excellent condition, and very playable and enjoyable as-is. Can be seen and played at its current installation. Restoration is nearly 100% complete, and included:

- Re-leathering of all reservoirs
- Re-leathering of all chests
- All tremulants re-built
- Replaced all magnet gaskets and magnet cap gaskets
- Replaced or cleaned all armatures
- Replaced all primary and secondary valves
- Re-leathered all main chest palet valves,
- Palet spoons cleaned and polished
- Replaced all chest felts
- Cleaned or replaced all valve wires
- Replaced all valve wire nuts
- Re-wired all chests
- Replaced magnet cap dags as needed
- All percussion (except piano) actions and all trap actions rebuilt

Console Restoration Details

- The console remains on pneumatic combination action
- All ivory keys bleached and polished
- All keys leveled
- All new key, stop, and pedal contacts
- All keys re-bushed first- and second- touch springs adjusted for uniform feel
- All key contacts adjusted
- All new stop tabs
- Pedal keys remain to be bushed and second touch contacts adjusted
- Console completely rewired
- New console 14- Volt power supply

CONSOLE DETAILS

Stop tabs:24 pedal-36 accompaniment 48 great-22 solo-27 back rail
35 combination pistons
general cancel
each manual cancel

accompaniment back beat button
pedal back beat button
key transposer
7 toe studs
2 first- and second-touch "piano pedals"
trap pull-out
record/playback pullout

PIPEWORK

vox humana 8'	diapason/diaphone 16'-4'
clarinet 8'	tuba 32'-8' (32' octave full length mitered to 21' Austin)
flute 16'-2'	tibia 8'-2'
salicional 8'-4'	oboe horn 8'
voix – celeste 8' TC	trumpet 8' (Welte)
dulciana 8'	kinura 8'
cor anglais 16'-8' (Austin)	post horn 8' (Trivo)

TUNED PERCUSSION

chrystoglot 49 notes
glockenspiel (Kilgen)
xylophone
chimes
piano

TRAPS

crash cymbal	telephone bell
snare drum	horse hooves
Chinese gong	sleigh bell
maracas	bird call
castanets	boat whistle
tambourine	train whistle
wood block	surf
sand block	automobile "ah-oo-gah" horn
roll-crash cymbal	police siren

Areas needing attention include:

- hook-up of piano, police siren, telephone bell, and sand block
- needs cymbal and crash cymbal
- cymbal roll-strike action not installed
- oboe horn needs regulation and balance
- kinura needs professional attention (new reeds?)
- a few high treble reed pipes not speaking (need reeds re-curved)