ROLAND
ORGAN

Roland®

ATELIER®

AT-45

Powerful Organ Sound and a Host of Expressive Features Inherited from Top Models

For players who know how truly enjoyable an organ can be

Top-Class Features and Playing Possibilities

With the AT-45 you get a superb organ sound that starts as soon as the power is turned on. The high-performance sound system offers plenty of volume and rich resonance to immerse your environment, be it large or small. Dozens of exciting realtime performance features from high-end ATELIER models are built into the AT-45, including the same basic operation, panel layout, and console buttons. And it's all housed in a luxurious mahogany cabinet with a sliding, roll-top manual cover.

Powerful Playback and Rich Reverb

Two 25 cm full-range speakers in a speaker box faithfully deliver the resonant bass sounds that are essential to dynamic organ performance, while the high-quality reverb creates an incredible room-filling ambience. You'll think you're playing in a cathedral.

The Fine Organ Sounds of Top ATELIER Models

The AT-45 features all the same great new authentic organ sounds as the top ATELIER models, including jazzy combo organ, gorgeous pipe organ, and theater organ sounds that will satisfy every organ lover. Of course, it also offers a wide collection of instrument, choir, and fun human voice sounds, such as jazz scat, to expand your performance possibilities.

Exceptional Piano Performance

The AT-45's lower manual is an extended 64-note keyboard, and begins with the A note just like a piano. There is also a damper pedal for more acoustic piano-like performance. The lower manual has a Split function, too, so you can play two different instrument sounds at the same time.

Damper Pedal

Compatible with Any ATELIER Organ

With the built-in floppy disk drive, you can exchange data with other AT-Series models, so you can immediately use registrations and music files created on any ATELIER organ.

Large Color Touch Screen

The AT-45 is the first organ in its class to feature a large, full-color LCD touch screen just like the top ATELIER models. Now even more realtime performance options are at your fingertips.

Onscreen Panel Settings and Registration

You can display current voice, reverb, and other panel settings onscreen, and adjust them easily at the touch of a finger. Settings can be saved with the eight registration buttons conveniently located between the upper and lower manuals. Just press a button to instantly change settings or voices.

Seeing is Enjoying

With the colorful LCD touch screen, the Composer and Track Mute functions are easier than ever to use. You can add your performances to commercially-available or downloaded SMF music files and save them, or mute a specific voice or part right on the screen, and play that part. The AT-45 also features Roland's famous DigiScore®, which lets you display the notation of SMF music files or your own recorded songs onscreen. It's loads of fun.

Helpful Quick Guide

The intuitive onscreen Quick Guide gives you fast operational guidance for all the AT-45's formidable features and functions, so you can always enjoy the full potential of your ATELIER organ.

Realistic Rhythms and Music Styles

The AT-45 puts a wide range of rhythms and musical genres at your fingertips. The built-in Music Styles incorporate actual drum and percussion phrases recorded by professional drummers, for the ultimate playing enjoyment with lively, exciting rhythms.

Versatile Style Orchestrator

The Style Orchestrator buttons provide four arrangement variations that let you instantly change the style of the automatic accompaniment, either to something more elaborate or more simple.

Rhythm Customize

The AT-45's Rhythm Customize feature lets you edit the internal rhythm patterns using the LCD display. Adjust the drum pattern, voice, or timing to create your own original rhythm.

Search Functions for Ideal Rhythms

Rhythm Search

With the Rhythm Search function, you can effortlessly search by name, beat, tempo, genre, or groove to quickly select the ideal rhythm for the style of music you are playing.

Music Assistant/Music Assistant Search

These convenient functions search keywords from 225 song titles, from occasions (e.g. Ballroom, Christmas), and from time periods (20s, 30s etc.), to suggest an ideal Music Style and panel settings.

● Organ
Full Organ (7), Ballad Organ, Jazz Organ (6), Combo Jazz Organ, Rock Organ (2), Lower Organ (6), Manual Bass, Pipe Organ (7), AEx Pipe Organ*, Diapason 8', Flute Celeste, Tibia 8', Theater Organ (6), Synth Organ (3), Pop Organ (2), Organ Attack (2), Organ Click

● Strings
Orchestra Strings Ensemble, Strings (4), Pizzicato, AEx Strings*, Slow Strings (2), Synth Strings (2), Violin, AEx Violin*, Viola, Cello

● Human Voice
Jazz Scat, Jazz Doo, Jazz Doot, Jazz Dat, Jazz Bap, Jazz Dow Fall, Classical, Gregorian, Choir, Pop Voice, Synth Choir

● Piano
Grand Piano, Piano, AEx Piano+Strings*, Honky–tonk, Stage Rhodes, E. Piano (3), AEx E. Piano+Strings*, Harpsichord, Clavi.

● Guitar
Nylon–str Guitar, Acoustic Guitar Slide, Steel–str Guitar, 12–str Guitar, Jazz Guitar, Clean Guitar, JC E. Guitar, Overdrive Guitar, Hawaiian Guitar, Banjo, Mandolin, Harp, Koto, Shamisen, Sitar

● Woodwinds
Flute (2), AEx Flute*, Synth Flute, Oboe, Bassoon, Clarinet (2), Shakuhachi, Pan Flute, Bagpipe, Human Whistle

● Brass/Sax
Brass Section, Orchestra Tutti, Orch Brass Ensemble, Power Brass, Trumpet Section, French Horn Section (2), Sax Section (2), Sax/Brass, Synth Brass, Trumpet (2), Trumpet/Shake, Mute Trumpet, Flugel Horn, Trombone, French Horn Solo, Soprano Sax (2), Alto Sax Ex, Alto Sax, Blow Sax, AEx Alto Sax*, Tenor Sax

● Lead/Pad
Synth Lead (4), Synth Pad (2), Sugar Key, Accordion, Bandoneon, Harmonica

● Bass
Organ Bass (2), Pipe Organ Bass, Bombarde, String Bass Pedal, String Bass, Bass+Cymbal, Contrabass (2), AEx Bass+Timpani*, Tuba (2), E. Bass (2), Synth Bass, Voice Thum

● Percussion
Timpani, Crash Cymbal, Ride Cymbal, Snare Drum, Bass Drum, Triangle, Tambourine, Percussion Set (2), Vibraphone, Glockenspiel, Celesta, Organ Harp, Tubular-bell, Marimba, Marimba Tremolo, Xylophone, Steel Drums, Santur, Music Box, Vibra Bells

● AEx*
AEx Pipe Organ, AEx Strings, AEx Violin, AEx Piano+Strings, AEx E. Piano+Strings, AEx Alto Sax, AEx Flute, AEx Bass+Timpani

NOTE: Digits appearing in parentheses after voice names indicate the number of voice variations available for that instrument sound.
*The AEx voice group consists of all the AEx voices, taken from the entire collection of voices.

● Big Band/Swing
New Big Band, Fast Big Band, Big Serenade, Loose Big Band, Swing, Organ Swing, Slow Swing, Scat Swing, Jazz Band, Big Band Swing, Big Band, Blues, Combo, Club Swing, Vocal Swing

● Country/Gospel
D Country 2, Country Dreams, Oldtime Country, Country Waltz, Gospel Pop, Soft Gospel, Gospel Ballad, Gospel 2, Cajun, Twostep, Anthem, Revival, R & B

● Oldies/ Contemporary
Dreamin', '50s Pop 1, Let's Twist, Swing Pop, Groovin', Michael's Pop, '70s 1, Let's Dance, Mersey Beat, Surf'fun, Pop'n'Roll, Acoustic Pop, Easy Listening 2, Hip Hop, House Pop, Euro Dance, Beach Sound

● Ballad
8 Beat Ballad 2, Love Romance, Soft Ballad, Love Songs, 6/8 Ballad, Medium Ballad, Scat Ballad, Crystal, Sunny Feelin', Pop Ballad, Torch Song

● World
Paris, French Waltz, Irish, Hawaiian, Hula

● Latin
Bossa Nova 1, Samba Rio, Salsa, Mambo 3, Slow Rhumba, Beguine, Trad Tango, Cha Cha 2, Bossa Nova 2, Slow Bossa, Samba, Slow Beguine, Plena, Latin, Latin Fusion

● Waltz/March
Strings Waltz, Waltz, Quiet Waltz, Slow Waltz, March, Marching Band, March 4/4, March 2/4, Summer Days, Simple March

● Trad/Showtime
Foxtrot 2, Quick Step, Dixieland, Lager Polka, Broadway, Raindrops, Festival, Screen 2

● Acoustic
Guitar Trio, Fireside, G. Slow, P. Pop, P. Slow, P. Swing, R. 8–Beat 1, R. 8–Beat 2, R. 16–Beat 1, R. 16–Beat 2, R. 16–Beat 3, R. Swing 1, R. Shuffle 1, R. Waltz 1, R. March 1, R. 5-Beat

● Disk/User**
6/8 Ballad, Trad Tango, Marching Band, Guitar Trio

*In addition to these internal rhythms, the AT-45 comes with a Music Style Disk with 115 rhythms, as well as a World Style Disk with 41 rhythms.
**You can overwrite the 4 rhythms of the "Disk/User" category with your own customized rhythms or with rhythms loaded from a floppy disk.

Manuals/Pedals
● **Upper:** 49 notes (C3–C7) ● **Lower:** 64 notes (A1–C7) ● **Pedalboard:** 20 notes (C2–G3) ● **Touch Response:** Initial Touch (Sensitivity adjustable) ● **Pedals:** Expression Pedal (ready for the Active Expression feature), Damper Pedal ● **Foot Switches:** 2 switches (on the expression pedal, function assignable)

Sound
● **Sound Generator:** Conforms to GM2/GM/GS/XG lite ● **Voices:** 185 Voices (incl. 8 Active Expression voices) ● **Max. Polyphony:** 128 voices ● **Drums/SFX Sets:** 12 drum sets + 1 SFX set ● **Parts:** Upper: Max 3 parts (Upper Organ, Upper Orchestral, Solo*), Lower: Max 3 parts (Lower Organ, Lower Orchestral, Solo*), Pedal: 1 part (Pedal), Split Function: Solo To Lower, Bass To Lower *The solo part is available for either Upper or Lower
● **Effects:** Rotary Sound, Reverb, Sustain, Glide, Pitch Bend, Vibrato, Lower Voice Hold

Automatic Accompaniment
● **Rhythms:** 110 rhythms in 10 categories, 156 rhythms on the included Music Style Disk ● **Disk/User Rhythms:** 4 Rhythms ● **Voices for Accomp./SMF:** 226 voices ● **Arranger Control:** Arranger On/Off, Start/Stop, Sync Start, Intro/Ending, Intro Count Down, Break, Fill In (To Variation, To Original), Style Orchestrator (Basic, Advanced 1, Advanced 2, Full), One Touch Program, Chord Intelligence, Chord Hold, Leading Bass, Auto Standard Tempo ● **One Touch Program:** 880 settings (8 settings for each rhythm)

Other Functions
● **Registration Memories:** 8 ● **Registration Functions:** Load Next, Disk Edit ● **Harmony Intelligence:** 8 types ● **Key Transpose:** –4 to +7 (Half steps) ● **Playback Transpose:** –24 to +24 (Half steps) ● **Master Tuning:** 415.3Hz – 466.2Hz (0.1Hz steps) ● **DigiScore:** Great Staff/G Clef Staff/F Clef Staff, Lyric display, Note name display, Bouncing ball ● **Rhythm Customize:** Pattern editing of the internal rhythms (Drum Set, Beat, Tempo, Note)

Composer
● **Tracks:** 7 ● **Note Storage:** Approx. 40,000 notes ● **Song Length:** Max. 999 measures ● **Tempo:** Quarter note = 20 – 500 ● **Resolution:** 120 ticks per quarter note ● **Recording:** Realtime (Replace) ● **Edit Function:** Delete Measure, Delete Track, Erase, Copy, Quantize

Metronome
● **Beat:** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume:** 10 levels ● **Sound:** 4 types

Disk
● **Disk Format:** 3.5 inch micro floppy disk 2HD (1.44 M byte), 2DD (720 K Byte) ● **Songs:** Max. 99 songs ● **Playable Format:** Music Atelier original format, Standard MIDI Files (format 0/1), Roland original format (i-format), Standard MIDI Files for GM2/ GM/ GS/ XG, Music Style Disk (MSA/MSD/MSE Series) ● **Save:** Music Atelier original format, Standard MIDI Files (format 0)

Output
● **Rated Power Output:** 35 W + 35 W ● **Speaker:** 25 cm x 2 (Full Range)

Display
Graphic 320 x 240 dot backlit color LCD with touch screen

Connectors
Headphones jack (stereo) x 2, Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), AC Inlet

Power Supply
● **Power Supply:** AC 117 V, 230 V, 240 V ● **Power Consumption:** 120 W

Finish
Simulated Mahogany

Dimensions
● **Console:** Width: 1242 mm (48–15/16 inches), Depth: 570 mm (22–1/2 inches), Height: 480 mm (18–15/16 inches) ● **Stand:** Width: 1235 mm (48–5/8 inches), Depth: 515 mm (20–5/16 inches), Height: 755 mm (29–3/4 inches) ● **Total:** Width: 1242 mm (48–15/16 inches), Depth: 570 mm (22–1/2 inches), Height: 1225 mm (48–1/4 inches)

Weight
● **Console:** 44.0 kg (97 lbs. 1 oz.) ● **Stand:** 40.0 kg (88 lbs. 3 oz.) ● **Total:** 84.0 kg (185 lbs. 3 oz.)

Accessories
Owner's Manual, Power Cord, 3.5 inch micro floppy disk (2HD Blank Disk), Music Style Disk, World Style Disk

With the AT-45, you can use music files that carry any of these marks: GENERAL MIDI / GENERAL MIDI2 / GS / XG / SMF / SMF LYRICS

Roland®
WE DESIGN THE FUTURE

Visit us online at www.Roland.com

R100

PRINTED WITH SOY INK