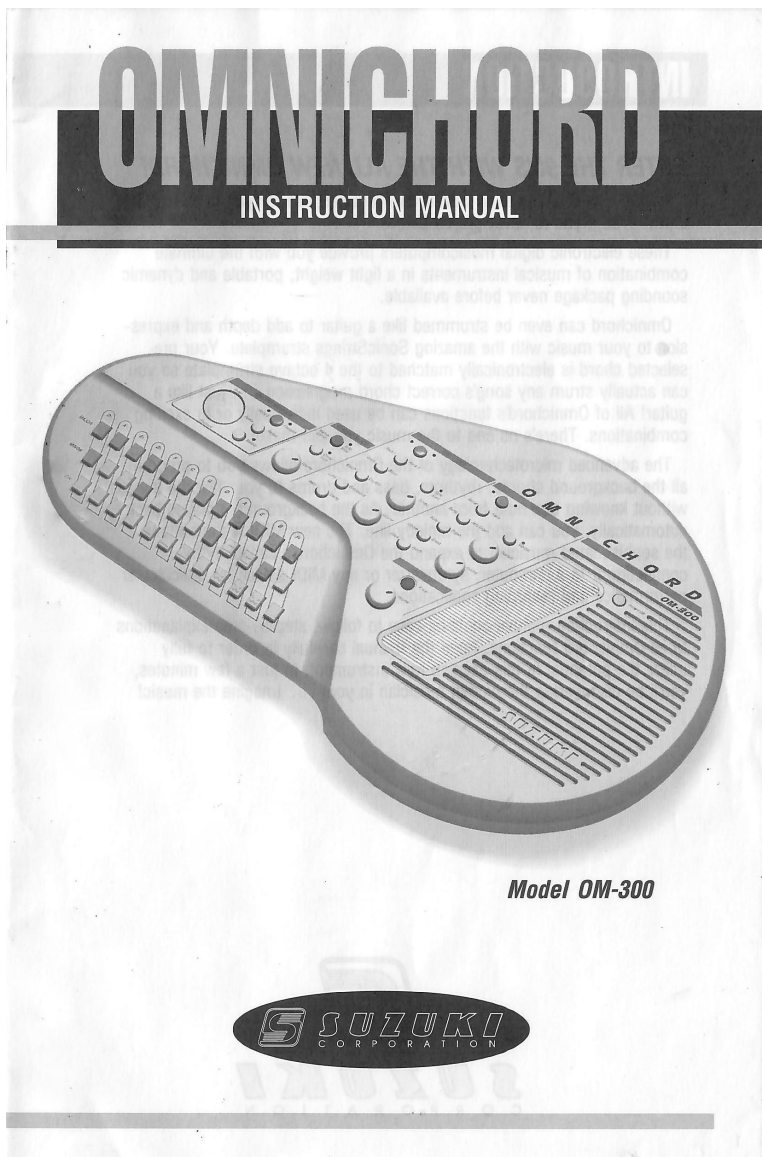


OMNICHORD OM-300

OPERATION MANUAL - MODEL OM-300



Searchable digital working edition prepared for Omnichord Heaven

Original 1

Introduction

OM-300

Enter the 90s with the all new Omnichord!

The all new Omnichord by Suzuki makes it possible for you to sound like a pro, even if you've never played before. This electronic digital musiccomputer provides an ultimate combination of musical instruments in a lightweight, portable and dynamic-sounding package.

The Omnichord can be strummed like a guitar with the SonicStrings Strumplate. A selected chord is electronically matched to the four-octave strumplate, so a song's correct chord progression can be strummed just like a guitar. Its functions may be used individually or in combinations.

The advanced microtechnology of the OM-300 lets you program background chords, rhythms, bass and drums without knowing one note from another. While that background plays automatically, you can add the melody line. MIDI allows the instrument to connect to a computer, synthesizer or other MIDI device for performance and recording applications.

This manual contains easy-to-follow, step-by-step explanations of the Omnichord's functions. Read it carefully to make full use of the instrument's potential. In just a few minutes, you may be discovering the hidden musician in you - imagine the music!

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OM-300

Omnichord model OM-300

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Note: The printed contents lists a Notes page numbered 26. The supplied scan set ends at printed page 25, so no page 26 facsimile is included in this digital edition.

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Control Positions & Functions

OM-300

Controls 1-20

Masters

- 1 VOLUME - Master control
- 2 POWER - Main on/off switch

SonicStrings

- 3 TOUCH PLATE
- 4 OCTAVE INDICATORS - 4-octave chord sequencer
- 5 SPEAKER
- 6 INSTANT OFF - Touch anytime to stop all sound

Voices

- 7 VOICE VOLUME
- 8 VOICE SUSTAIN
- 9 DEMO
- 10 VOICE SELECTOR SHIFT
- 11 VOICE SELECTORS

Rhythms

- 12 DRUM START
- 13 RHYTHM TEMPO
- 14 RHYTHM VOLUME
- 15 RHYTHM SELECTOR SHIFT
- 16 RHYTHM SELECTORS

Chord Mode

- 17 CHORD PLUS / AUTO CHORD
- 18 MANUAL CHORD
- 19 CHORD VOLUME
- 20 CHORD BUTTONS

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Control Positions & Functions

OM-300

Controls 21-39

Side View

- 21 1/4-inch OUTPUT/HEADPHONE JACK
- 22 12V DC INPUT JACK - Optional A/C adapter jack
- 23 FOOTSWITCH JACK - Optional chord-memory switch

Bottom View

- 24 TUNING CONTROL
- 25 SERIAL NUMBER PLATE
- 26 BATTERY DOOR

Chord Memory

- 27 RECORD/PLAYBACK - Mode setting
- 28 DELETE/REPEAT - Replay a recorded song or backspace for correction
- 29 MELODY KEYBOARD ON/OFF
- 30 ENTER/PLAYBACK - One-finger chord play, memory entry and Drum Fill when memory is off

Chord Buttons and Keyboard

- 31 OCTAVE UP / OCTAVE DOWN - Melody Keyboard
- 32 INTRO/END BUTTONS
- 33 TRANSPOSE BUTTONS
- 34 SKIP BUTTONS
- 35 CLEAR MEMORY BUTTONS
- 36 MIDI OUTPUT JACK
- 37 MELODY KEYBOARD
- 38 MELODY KEYBOARD OVERLAY
- 39 DRUM FILL - Memory on only

ORIGINAL JOINED CONTROLS SPREAD

CONTROL POSITIONS & FUNCTIONS

MASTERS

- 1 VOLUME—Master control
- 2 POWER—Main on/off switch

SONICSTRINGS

- 3 TOUCH PLATE
- 4 OCTAVE INDICATORS—4 octave chord sequencer
- 5 SPEAKER
- 6 INSTANT OFF—Touch anytime to stop all sound

VOICES

- 7 VOICE VOLUME
- 8 VOICE SUSTAIN
- 9 DEMO

10 VOICE SELECTOR SHIFT

11 VOICE SELECTORS

RHYTHMS

- 12 DRUM START
- 13 RHYTHM TEMPO
- 14 RHYTHM VOLUME
- 15 RHYTHM SELECTOR SHIFT
- 16 RHYTHM SELECTORS

CHORD MODE

- 17 CHORD PLUS/AUTO CHORD
- 18 MANUAL CHORD
- 19 CHORD VOLUME
- 20 CHORD BUTTONS

SIDE VIEW

- 21 1/4" OUTPUT/HEADPHONE JACK
- 22 12V DC INPUT JACK—Optional A/C adapter jack
- 23 FOOTSWITCH JACK (Optional chord memory switch)

BOTTOM VIEW

- 24 TUNING CONTROL
- 25 SERIAL NUMBER PLATE
- 26 BATTERY DOOR

CHORD MEMORY

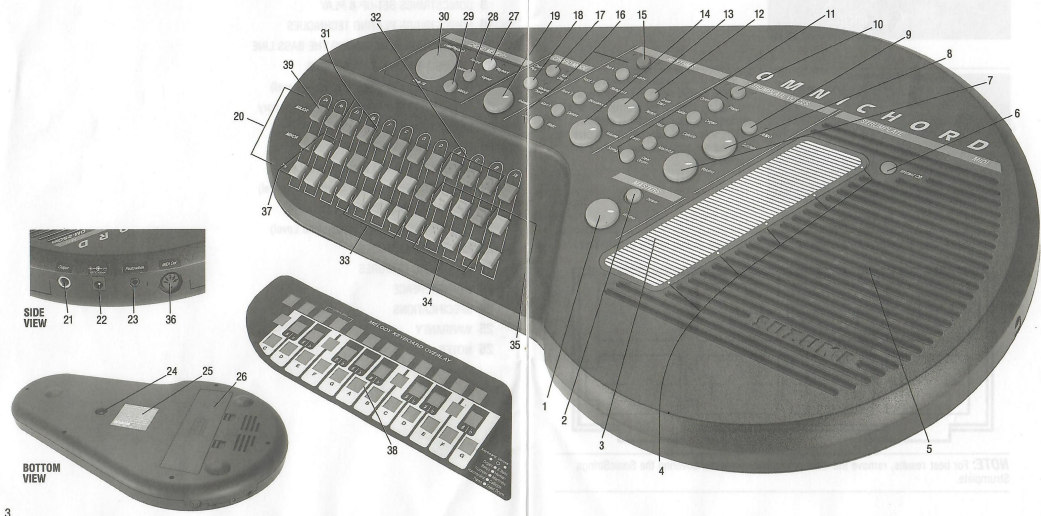
- 27 RECORD/PLAYBACK—Mode setting
- 28 DELETE/REPEAT—Recorded song plays again/backspace for correction

29 MELODY KEYBOARD ON/OFF

30 ENTER/PLAYBACK—1 finger chord play/enter chords to memory & Drum Fill (memory off)

CHORD BUTTONS

- 31 OCTAVE/UP-OCTAVE DOWN (Melody Keyboard)
- 32 INTRO/END BUTTONS
- 33 TRANSPOSE BUTTONS
- 34 SKIP BUTTONS
- 35 CLEAR MEMORY BUTTONS
- 36 MIDI OUTPUT JACK
- 37 MELODY KEYBOARD
- 38 MELODY KEYBOARD OVERLAY
- 39 DRUM FILL (Memory on only)



Printed pages 3-4 shown as one continuous image.

Original 5

Set-Up

OM-300

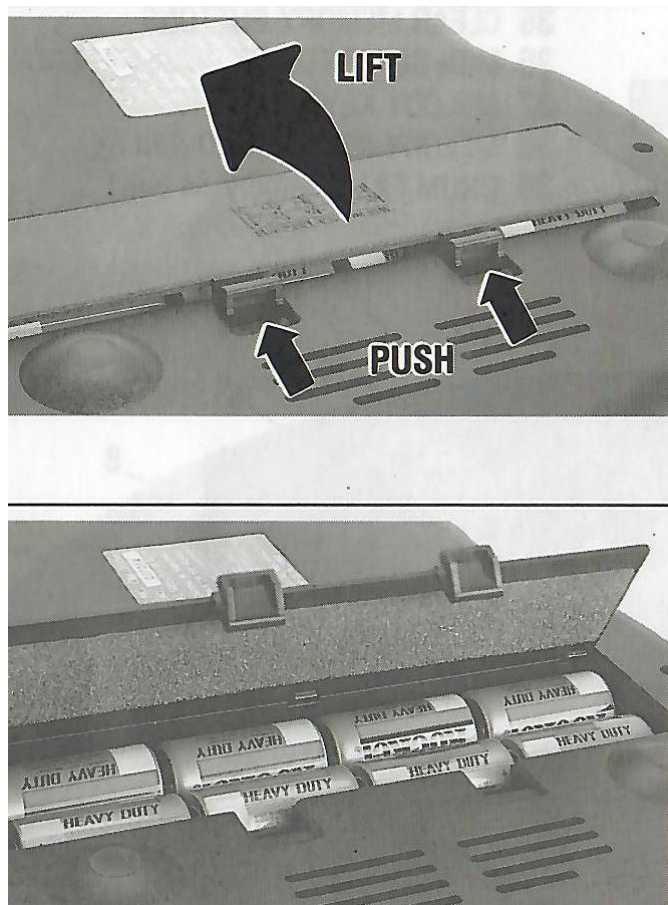
Battery installation

After removing the instrument, batteries and instruction manual from the packing carton and shipping materials, store the box and shipping material for later use. They make an ideal container if it becomes necessary to transport the instrument.

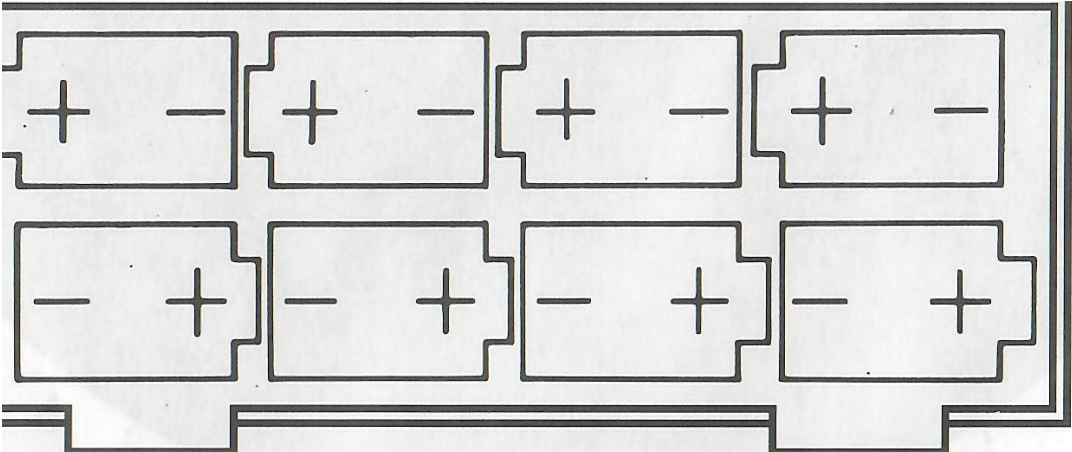
Your Omnichord comes complete with eight batteries (size C, SUM-2 or R-14) and is ready to use without assembly. Follow these instructions to load the batteries correctly:

- 1 Turn the Omnichord over. Pull back on the two plastic tabs and remove the battery door.
- 2 Insert the eight batteries using the diagram on the instrument's battery door, then close the door. If there is no power, re-check the battery orientation and replace the battery door.
- 3 The battery diagram shown in the illustration is the same as the diagram on the battery door.

Note: For best results, remove the clear protective membrane covering the SonicStrings Strumplate.



Battery-door removal and eight-battery installation.



Eight-cell battery polarity diagram.

Original 6

Demo & Precautions

OM-300

Dos and don'ts to make your Omnichord last a lifetime

The Omnichord has a built-in demo feature to introduce its rhythms, strum and melody voices. Turn the instrument on and press the DEMO button (#9).

During the demo you may strum the Strumplate, adjust master volume, switch Chord-Plus on or off and, on the OM-300, use Drum Fill. All other controls are disabled during demo play.

Omnichords use a digital microprocessor to translate commands into music. The solid-state electronics are protected by an ABS plastic case. With reasonable care, the instrument should provide years of dependable operation.

Avoid Direct Heat

Never leave your instrument near extreme heat or in direct sunlight. Keep it away from radiators, heaters and the back-window ledge of a car.

Keep Your Omnichord Dry

Do not use your Omnichord near moisture or place liquids on or near the instrument. Liquid spilled inside will require extensive repairs.

Don't Use Solvents or Abrasives

Clean the cabinet, buttons and touchplate with a soft, damp cloth. Do not use benzine, solvents or abrasive cleaners; they will permanently damage the finish.

Protect the Power Source

Turn the Omnichord off when it is not in use. This prolongs battery life and reduces wear on the electronic components.

Long Storage

For storage of 30 days or more, remove the batteries to prevent leakage and subsequent electronic damage.

Use Only Suzuki Power Adapters

Operate the Omnichord from batteries or the optional OCA-7 A/C adapter. Do not connect it directly to a 12-volt source such as a car cigarette lighter; use the optional OCD-7 adapter for 12-volt operation.

Don't Disassemble Your Omnichord

To avoid shock, never open the instrument. If service is needed, contact an authorized musical-instrument dealer. Opening the instrument will also void the warranty.

Original 7

One Finger Chord Play

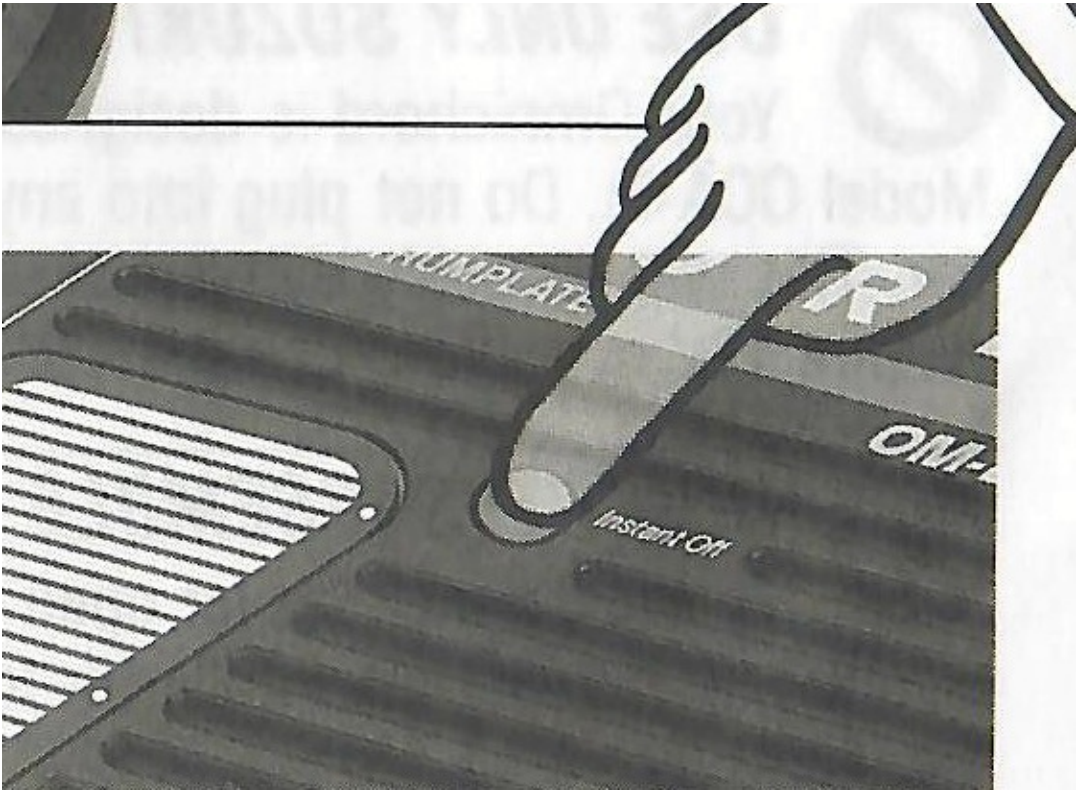
OM-300

Major, minor and seventh chords

The Omnichord is capable of playing up to 84 chord combinations using the 36 softouch chord buttons. This section explains simple one-finger play: major, minor or seventh chords in any key. The manual pictures the OM-300, but the OM-300 functions identically for these instructions. Features unique to the OM-300 begin on page 14.

Begin by turning all rotary control knobs fully counter-clockwise, then set up the instrument as follows:

- 1** **POWER BUTTON** - Press POWER to turn on the Omnichord. The red indicator lights show the active functions.
- 2** **MASTER VOLUME** - Set the master volume to about 12 o'clock or as desired.
- 3** **CHORD VOLUME** - Set the volume in the Chord Mode section to about 3 o'clock or as desired.
- 4** **RHYTHM VOLUME** - Off. Press MANUAL CHORD in the Chord Mode section so its indicator lights.
- 5** **PUSH A CHORD BUTTON** - With your left hand, press any of the 36 softouch chord buttons. To accompany a song, read its chord symbols and press the corresponding Omnichord buttons as the music continues.
- 6** **INSTANT OFF** - Touch INSTANT OFF to stop the chord sound during a pause or at the end of a song. Press any chord button to reactivate the sound.



The Instant Off touch point used to stop all sound.

Original 8

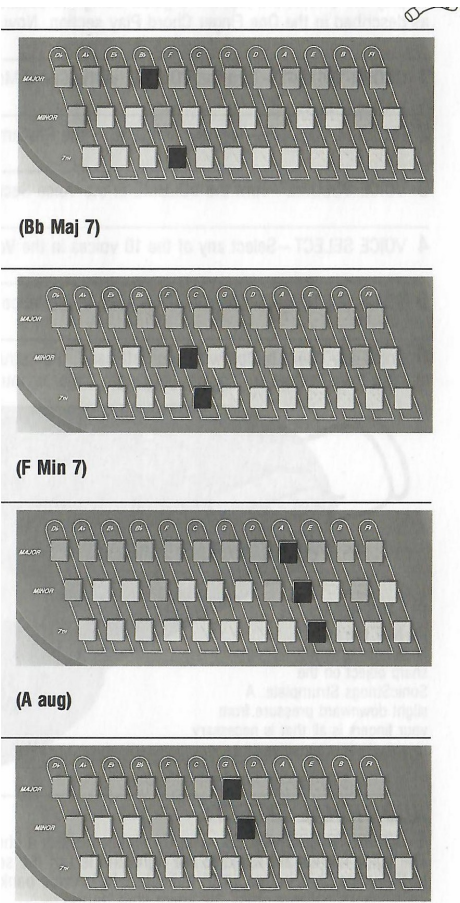
Multi-Finger Chord Play

OM-300

Major seventh, minor seventh, augmented and diminished chords

The chord section can play more complex progressions by pressing two or three chord buttons simultaneously. Keep the control settings described on the previous page.

- 1 MAJOR 7TH CHORD - Select a key (Db, Ab, Eb, Bb, F, C, G, D, A, E, B or F#). Press the MAJOR and 7th buttons together (top and bottom rows). The illustration shows Bb major seventh.
- 2 MINOR 7TH CHORD - Select a key. Press the MINOR and 7th buttons together (middle and bottom rows). The illustration shows F# minor seventh.
- 3 AUGMENTED CHORD - Select a key. Press the MAJOR, MINOR and 7th buttons together (top, middle and bottom rows). The illustration shows A augmented.
- 4 DIMINISHED CHORD - Select a key. Press the MAJOR and MINOR buttons together (top and middle rows). The illustration shows G diminished.



Four chord-button diagrams for Bb major seventh, F-sharp minor seventh, A augmented and G diminished.

Original 9

SonicStrings Strumplate Set-Up & Play

OM-300

Guitar-style strumming and voice effects

The SonicStrings Strumplate responds instantly to the touch of your fingers and lets you strum four octaves of the pre-selected chord in perfect pitch.

Set the controls as described in One Finger Chord Play, then follow these steps:

- 1 CHORD VOLUME - Turn the Chord Mode volume fully counter-clockwise (off).
- 2 RHYTHM VOLUME - Turn the Rhythm Section volume fully counter-clockwise (off).
- 3 VOICE VOLUME - Set the Voice Section volume to 3 o'clock or as desired.
- 4 VOICE SELECT - Select any of the ten voices in the Voice Section.
- 5 VOICE SUSTAIN - Set the Voice Section sustain to 3 o'clock or as desired.
- 6 Press any chord button with your left hand, then gently strum from bottom to top with your right finger or thumb.

SonicStrings Voices

The Omnichord offers ten SonicStrings voices. Names are printed beside the selector buttons. The LED indicators beside VOICE SELECTOR SHIFT (#10) show which voice bank is active. Press the shift button to change banks, then press a chord and strum to hear each voice.

Warning: Do not use fingernails or any sharp object on the SonicStrings Strumplate. A slight downward pressure from your fingers is sufficient.



Hands selecting a chord and strumming the SonicStrings Strumplate, with the original safety callout.

Original 10

SonicStrings Playing Techniques

OM-300

Slide play and touch play

The SonicStrings Strumplate automatically plays the chord selected on the chord buttons. There is no single correct strumming method; use the technique that sounds best for each song.

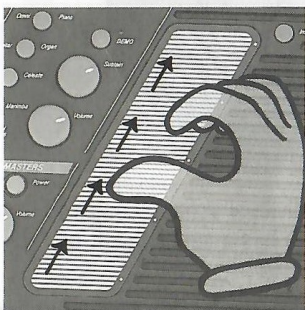
Slide Play

Set sustain in the Voice Section to 3 o'clock and press a chord. Run a finger or thumb from the bottom of the strumplate to the top. Try two fingers, then three; covering more surface produces a fuller chord. You can also strum from top to bottom.

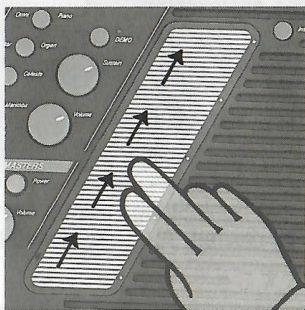
Touch Play

Using the fingertip, pat four to six places starting at the bottom. Try two, three or four fingers to hear the individual chord octaves. Change voices and sustain settings for different sounds.

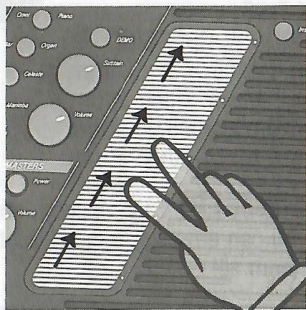
Note: Experiment to find other playing possibilities and, most importantly, have a good time.



THUMB STROKE

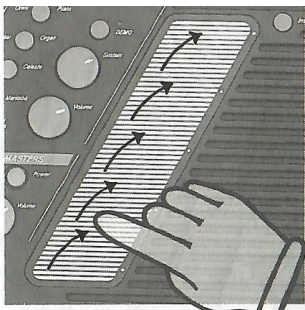


TWO FINGER SLIDE

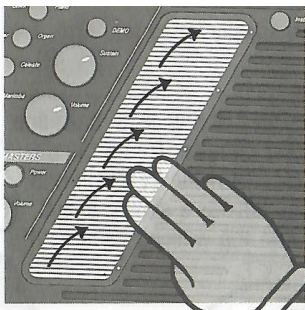


SPLIT FINGER SLIDE

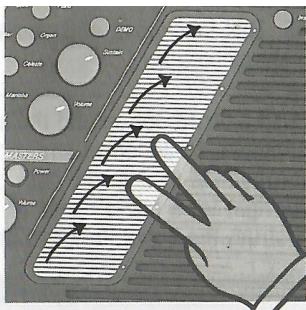
Thumb, two-finger and split-finger SonicStrings slide techniques.



TOUCH AT OCTAVE INDICATORS USING ONE FINGER ONLY



TOUCH AT OCTAVE INDICATORS USING THREE FINGERS



USING TWO FINGERS, DANCE UP THE STRUMPLATE

One-, three- and two-finger SonicStrings touch-play techniques.

Original 11

Combination Play & Walking Bass Line

OM-300

Combining chord, SonicStrings and bass sections

Combine Chord and SonicStrings Sections

Set the Chord Section volume to about 3 o'clock. Press MANUAL CHORD, select any chord button and strum the SonicStrings Strumplate.

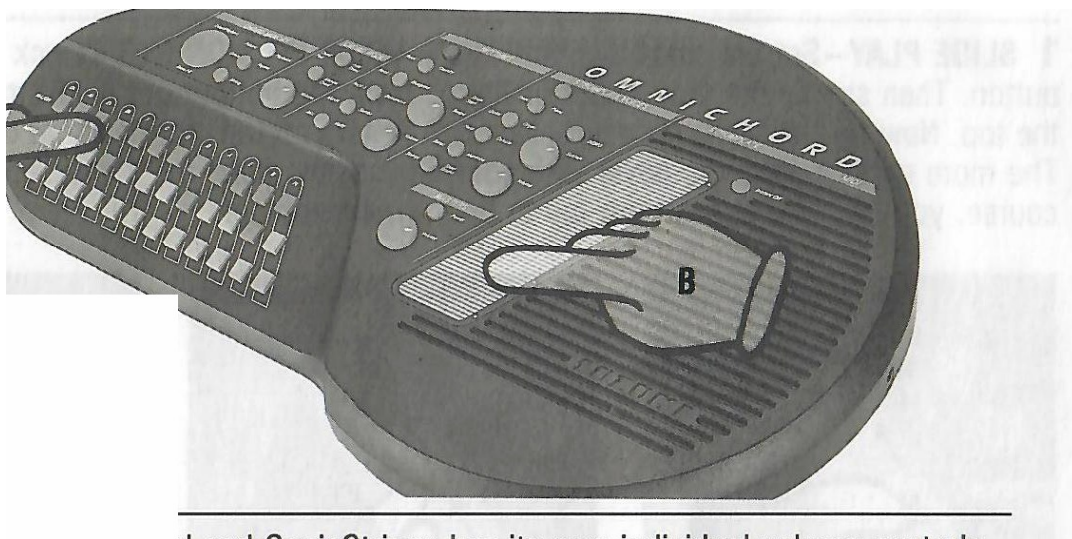
Note: Try this progression: C major - strum; F major - strum; G major - strum; C major - strum.

Remember

The chord and SonicStrings sections have separate volume controls, and SonicStrings has a sustain control. Adjust each section independently.

Add the Walking Bass Line

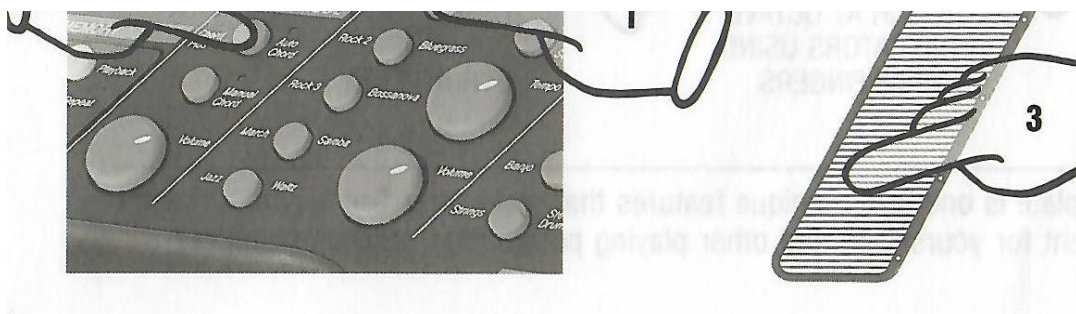
- 1 Select one of the ten rhythms and press its button.
- 2 Turn on AUTO CHORD in the Chord Mode section. Its indicator should be lit; this function is engaged automatically when the Omnichord is switched on.
- 3 Press a chord button. Auto chord and the walking bass line are added automatically. Try different rhythms and adjust TEMPO; strum in time with the walking-bass beat.



Hands selecting a chord and strumming for combination play.



Original walking-bass player illustration.



Hands selecting rhythm and auto bass, then strumming the SonicStrings.

Original 12

Drums & Drum Introductions

OM-300

Using the Rhythm Section

To add drums to the chord, SonicStrings and bass patterns, turn the Rhythm Section volume clockwise. Press any chord button to play the completed accompaniment and add SonicStrings by strumming.

Fade-In Chord & Bass

Turn the Chord Mode volume off, press the selected chord so the drum introduction sounds, then turn the chord volume clockwise to fade in the chords and walking bass.

Instant Chord & Bass Addition

Preset the rhythm, tempo, voicing and volumes. Press SYNC START for a drums-only introduction, then press the first chord button to begin chord and bass accompaniment.

Chords & Drum

Set AUTO BASS to manual chord (indicator off), then press a chord button. Only the selected chord and drums will sound; the SonicStrings remains active. Press AUTO BASS again to add the walking bass.

Chord-Plus

Press the green CHORD-PLUS button in the Chord Mode section to enhance the accompaniment. Each press alternates between standard Auto Chord and Chord-Plus. Use the contrast to distinguish a song's main body from its bridge without changing rhythm.



Original drummer illustration from the Rhythm Section page.

Original 13

Demonstration Song - Beginning Level

OM-300

When the Saints Go Marching In

This song combines simple functions using one-finger major, minor and seventh chords. Set up the OM-300 as follows:

- 1 Press POWER in the Masters section.
- 2 Set Masters VOLUME to 3 o'clock.
- 3 Set Voice VOLUME to 12 o'clock.
- 4 Set Voice SUSTAIN to 3 o'clock.
- 5 Set Chord Mode VOLUME to 3 o'clock.
- 6 Press MARCH in the Rhythm section.
- 7 Set Rhythm TEMPO to about 8 o'clock; increase the speed after playing the song a few times.
- 8 Set Rhythm VOLUME to 12 o'clock.

How to Begin

The first chord is C. Press the C chord button in the major or top row. A chord symbol printed without any further designation means a major chord.

Pressing C starts the background instruments. Sing the words while changing chords and strumming the SonicStrings whenever a new chord symbol appears. Each new chord automatically changes the bass pattern and SonicStrings harmony. Press INSTANT OFF when the song ends.

When the Saints Go Marching In

The original top-line chord-and-lyric layout is retained as an image so the chord changes remain aligned with the words.

C

Oh when the Saints _____ go march—ing in, _____

G7

_____ Oh when the Saints _____ go march—ing in, _____

C

C7

F

Oh I want to be in that number _____

C

F

G7

C

_____ when the Saints go march — ing in. _____

Original top-line chord and lyric layout for When the Saints Go Marching In.

Original 14

Chord Memory

OM-300

Memory programming

The OM-300's programmable chord memory has two purposes. It lets you pre-program a song's chords for one-finger playback, and it makes the SonicStrings easier to strum because you no longer need to read the music and hunt for each chord button during playback.

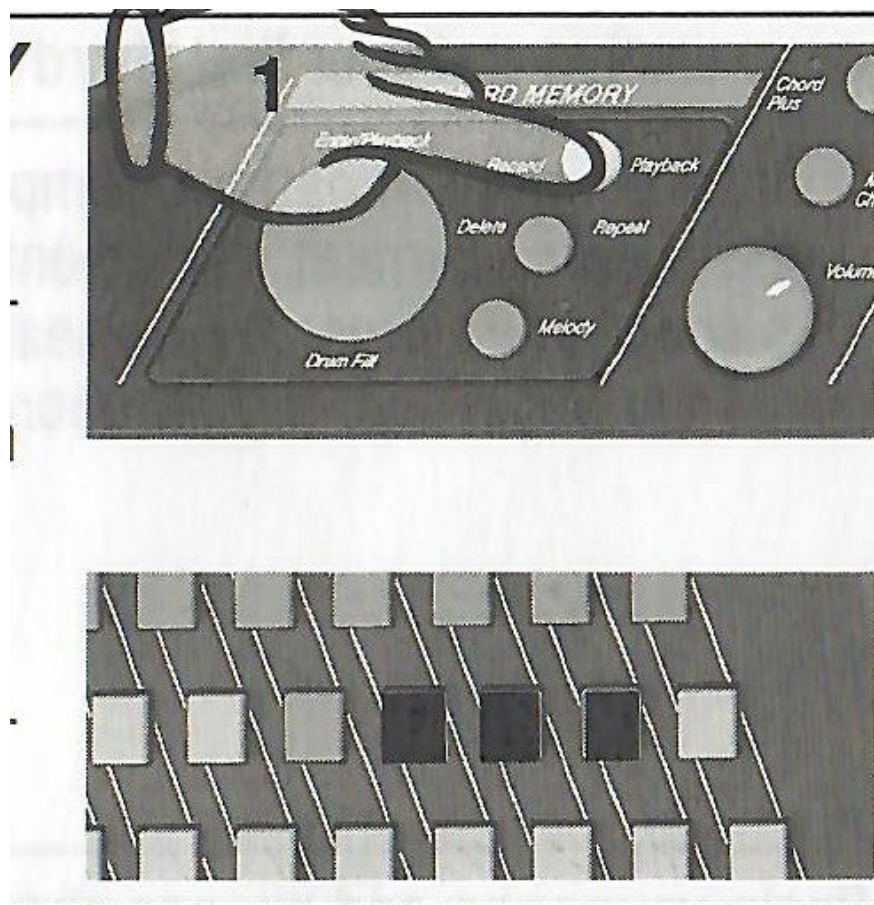
- 1 Press RECORD/PLAYBACK in the Chord Memory section.
- 2 MEMORY CLEAR - Press the three CLEAR MEMORY buttons (#35) simultaneously. This removes all stored chords.
- 3 Set Voice volume to 12 o'clock.
- 4 Read the chord symbols of the selected song and press the corresponding chord button.
- 5 Press ENTER/PLAYBACK. A beep sounds, the chord stops and the chord is stored. Continue until the song is complete.

Memory Loss

- 1 Stored songs remain in memory while the A/C adapter remains connected to a powered wall socket, or while the instrument has battery power.
- 2 Memory is lost if the adapter is disconnected without batteries installed, or if the batteries are removed.

Warning: Chord memory holds 120 chords. If a 121st chord is entered, a beep indicates that capacity has been exceeded. Delete stored chords to reduce the sequence to 120 or fewer, or clear the memory and begin again.

Note: A chord is not stored until ENTER/PLAYBACK is pressed. If the wrong chord button is pressed, select the correct chord before pressing ENTER/PLAYBACK.



Chord-memory record/playback and three-button memory-clear controls.



Hands selecting a chord from sheet music and entering it into memory.

Original 15

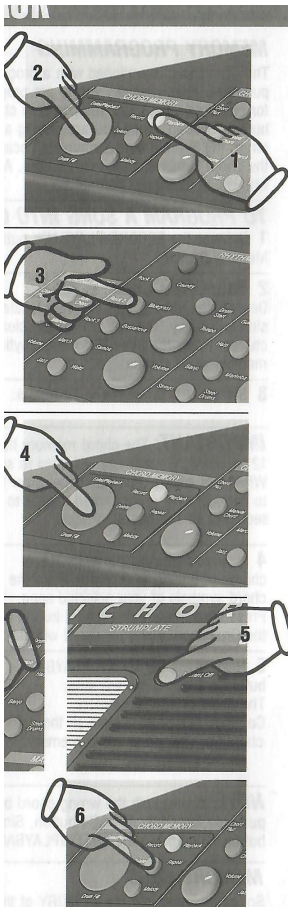
Chord Memory Playback

OM-300

Playing back recorded chord sequences

- 1 Press RECORD/PLAYBACK so the PLAYBACK indicator is lit.
- 2 Press ENTER/PLAYBACK; the first stored chord plays automatically.
- 3 Choose the rhythm, tempo and accompaniment levels for the song, then press DELETE/REPEAT to return to the beginning.
- 4 Begin the song and press ENTER/PLAYBACK for each chord cue. Each press advances to the next stored chord.
- 5 At the end, the drum pattern continues until INSTANT OFF is touched. To fade the ending, turn the Rhythm Section volume down.
- 6 To repeat the song, press DELETE/REPEAT, wait for the beep, then press ENTER/PLAYBACK.

Note: If a chord cue is missed, press DELETE/REPEAT and begin again. For chords without rhythm and bass, select MANUAL CHORD and turn Rhythm volume off. During playback, rhythms, volumes and tempo may be changed at any time.



Original sequence of record/playback, accompaniment, repeat, fade and instant-off controls.

Original 16

Fixing Memory Errors

OM-300

Delete and Skip

Delete - Insert or Replace a Chord

In RECORD mode, press DELETE once for each stored chord you need to move back over. When the required point is reached, select the corrected chord and press ENTER/PLAYBACK. Continue entering or accepting the following chords until the end of the song, then return to PLAYBACK.

If unwanted chords remain after the intended ending, continue pressing DELETE until each one has been removed.

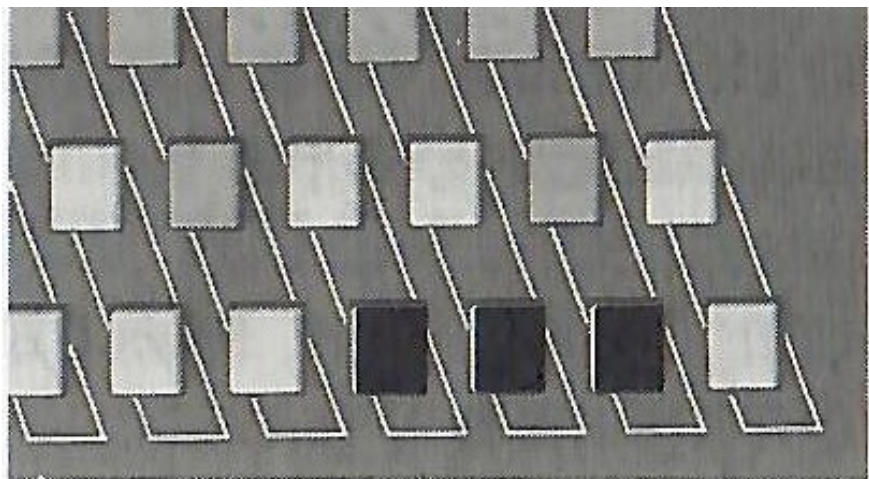
Skip

SKIP is activated by pressing the three X-marked A, E and B buttons in the bottom or seventh-chord row simultaneously.

- 1 For two songs in memory, store the first song followed by two or three blank measures. Press the three X buttons before entering the second song. During playback, the X buttons jump directly to this mark. Only one Skip mark can be stored.
- 2 For a song with a second ending, store all chords through the second ending and place the X mark at its beginning. During playback, press the X buttons at the first ending to jump to the second ending.



Delete button control illustration.



Three X-marked Skip buttons.

Musical notation for the first line of the song. The notes are: fine, tooth, comb?, I, know, I'se, to. The chords above the notes are: Bdim, C, E7, Am, C.

Musical notation for the second line of the song. The notes are: blame, well, ain't dat a shame? Bill Bai - ley, won't you. The chords above the notes are: Dbdim, G, E7, A7.

RING PLAYBACK: PUSH THE THREE "X"s HERE WHEN RECORDING: PUSH THE THREE "X"s HERE.
SKIP TO 2nd ENDING.

Musical notation for the third line of the song. The notes are: please, come, home?, home?. The chords above the notes are: D7, G, A7, D7, G. The first ending is marked with a bracket and the number 1, and the second ending is marked with a bracket and the number 2. The 'X' markers are placed above the G chords in the first and second endings.

Original musical example showing a Skip marker used for a second ending.

Original 17

Melody Keyboard - Intermediate Level

OM-300

Melody keyboard with one-finger chord-memory playback

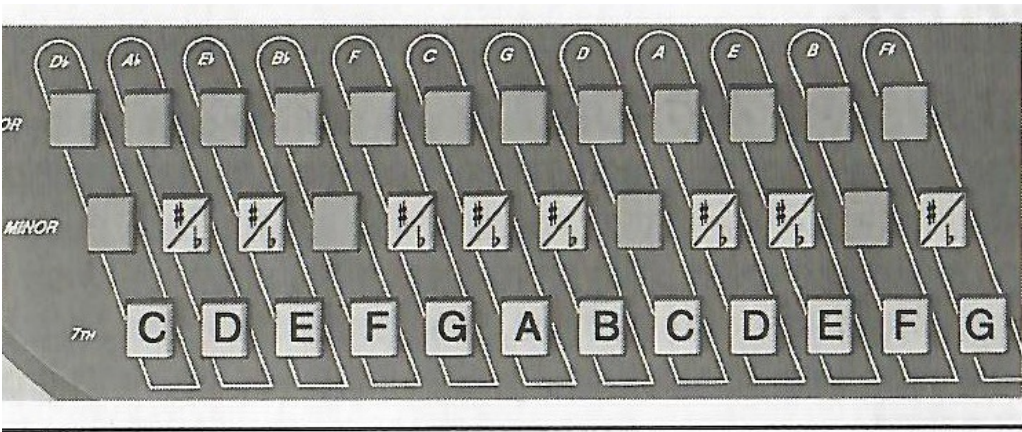
The OM-300 has a chromatic melody keyboard formed by the lighter buttons in the middle and bottom chord rows, ranging from C through G. Activate it with the MELODY button or by placing Chord Memory in PLAYBACK mode. You may then use SonicStrings, the melody keyboard or both while the Omnichord supplies the accompaniment.

Fit the melody-keyboard overlay to reveal the ten melody voice names. Selecting a melody voice automatically assigns the paired SonicStrings voice.

Melody/SonicStrings assignments: Organ/Omni; Banjo/Guitar; Trumpet/Harp; Harmonica/Banjo; Piano/Strings; Electric Bass/Piano; Human Voice/Organ; Vibes/Celeste; Flute/Marimba; Steel Drum/Steel Drum.

- 1 Turn POWER on.
- 2 Set MASTER VOLUME to 3 o'clock.
- 3 Select Piano; set Voice VOLUME to 3 o'clock and Voice SUSTAIN to 12 o'clock.
- 4 Set CHORD VOLUME to 3 o'clock and KEYBOARD VOLUME to 5 o'clock.
- 5 Turn AUTO CHORD on in the Chord Mode section.
- 6 Select JAZZ in the Rhythm section.
- 7 Set Rhythm TEMPO to about 8 o'clock or as desired.
- 8 Set Rhythm VOLUME to 12 o'clock.

Note: The following settings prepare the intermediate demonstration song.



Chromatic melody-keyboard notes marked on the OM-300 chord buttons.

Original 18

Demonstration Song - Intermediate Level

OM-300

I'd Like to Teach the World to Sing (In Perfect Harmony)

Continue the intermediate demonstration-song preparation:

Words and music by B. Backer, B. Davis, R. Cook and R. Greenaway. The complete score, lyrics and chord alignment are retained as an image.

- 1 Put Chord Memory into RECORD mode.
- 2 Record the song's chords, pressing ENTER/PLAYBACK after each selection.
- 3 Put Chord Memory into PLAYBACK and press ENTER/PLAYBACK to begin. Play melody with the right hand while changing chords with the left; strum during long notes or pauses.

note or pause in the melody, try strumming the accompaniment with your right thumb or finger.

DEMONSTRATION SONG

INTERMEDIATE LEVEL

I'D LIKE TO TEACH THE WORLD TO SING (In Perfect Harmony)

Words and Music by B. BACKER, B. DAVIS, R. COOK and R. GREENAWAY

1. I'd like to build the world a home and furnish it with love,
 like to teach the world to sing in perfect harmony,
 like to see the world for once all stand-ing hand in hand,

— grow ap-ple trees and hon-ey bees and snow-white tur-tle doves.
 — I'd like to hold it in my arms and
 — and hear them ech-o through the hills for

2. I'd keep it com-pa-ny. 3. I'd peace through-out the land.

— That's the song I hear, let the world sing to-day.

— A song of peace that ech-oes on and
 nev-er goes a-way. 4. I'd like to see the world
 for once all stand-ing hand in hand, and
 hear them ech-o through the hills for peace through-out the land.

Original score for I'd Like to Teach the World to Sing with melody, lyrics and chord symbols.

Original 19

Melody Keyboard - Advanced Level

OM-300

Optional footswitch chord playback and SonicStrings strumming

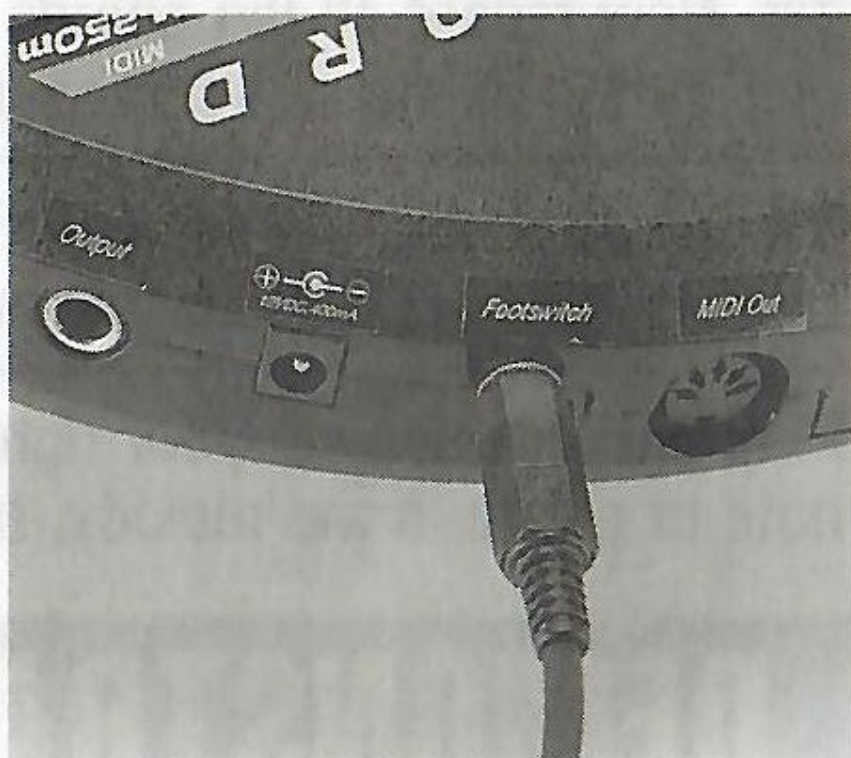
The optional OFS-7 footswitch replaces the left hand during chord-memory playback, allowing chords to be advanced with the foot while the left hand plays the melody keyboard and the right hand strums SonicStrings.

Connect the footswitch to jack 23 and place it under either foot. Slight pressure with the toe or heel activates it.

Use the page 17 settings with these exceptions:

- 1 Select Piano voice.
- 2 Select JAZZ in the Rhythm section.
- 3 Record the song's chords into memory. Enter chords with ENTER/PLAYBACK, or with the footswitch when connected.
- 4 For playback, put Chord Memory in PLAYBACK mode and press the footswitch for the first and each subsequent chord.

Note: Learn each part slowly. First turn AUTO BASS and Rhythm VOLUME off, practise chord changes, melody and strumming, then restore the rhythm sections after mastering the parts.



FOOTSWITCH JACK

OFS-3 footswitch connected to the OM-300 footswitch jack.

Original 20

Demonstration Song - Advanced Level

OM-300

Santa Claus Is Comin' to Town

Words by Haven Gillespie; music by J. Fred Coots. The complete score, lyrics and chord alignment are retained as an image.

DEMONSTRATION SONG ADVANCED LEVEL

SANTA CLAUS IS COMIN' TO TOWN

Words by HAVEN GILLESPIE: Music by J. FRED COOTS

Chord symbols: C, F, Fm, C, C7, F, Fm, C, Am, Dmin7, G7, C, G7, C7, F, C7, F, D7, G, Abdim, Amin7, D7, G7, Gaug, C, F, Fm, C, C7, F, Fm, C, Am, Dmin7, G7, C.

Lyrics:
You bet - ter watch out, you bet - ter not cry. Bet - ter not pout, I'm
mak - in' a list, and check - ing it twice. Gon - na find out who's
tell - ing you why: } San - ta Claus is com - in' to town. He's
naught - y and nice.
He sees you when you're sleep - ing. He knows when you're a -
wake. He knows if you've been bad or good, so be good for good - ness
sake. Oh, you bet - ter watch out, you bet - ter not cry. Bet - ter not pout, I'm
tell - ing you why: San - ta Claus is com - ing to town.

Original score for Santa Claus Is Comin' to Town with melody, lyrics and chord symbols.

Original 21

Additional Features

OM-300

Key transpose, melody only and octave controls

Transpose

Transpose changes the pitch of the chord section for manual or chord-memory play; it does not affect the melody keyboard.

- 1 With power on, press RECORD/PLAYBACK twice so PLAYBACK is lit.
- 2 Press and release all three triangle transpose buttons together.
- 3 Press the top-row major chord button for the desired new key.
- 4 For stored chords, press ENTER/PLAYBACK to begin in the new key. For manual play, press RECORD/PLAYBACK again so both mode indicators are off.

Melody Only

- 1 Turn POWER on.
- 2 Turn MELODY on in the Chord Memory section.
- 3 Press INSTANT OFF to stop the drums. The melody keyboard is now solo; its ten voices, sustain and vibrato remain available.

Octave Down/Octave Up

The octave controls extend the melody keyboard range. Octave Down is the Eb major button marked with a down arrow; Octave Up is the Bb major button marked with an up arrow.



Original notation diagram showing the effective Octave Down and Octave Up melody ranges.

Original 22

Additional Features - Continued

OM-300

Drums, Drum Fill, programmable introductions and endings, and tuning

Drums Only

- 1 At the beginning of a song, use the page 14 settings, turn CHORD VOLUME fully off and press any chord. Only drums sound. Slowly raise CHORD VOLUME to fade in the chord and bass.
- 2 At the end of a memory song, press ENTER/PLAYBACK after the final chord. Drums continue until INSTANT OFF is pressed or memory is reset with DELETE/REPEAT.

Drum Fill

During standard play, press ENTER/PLAYBACK to add a drum fill. During memory playback, press the Db major chord button; ENTER/PLAYBACK is then reserved for advancing chords.

Programmable Introduction and Ending

- 1 Put Chord Memory into RECORD mode and clear the memory.
- 2 Before the first chord, press the three INTRO/END buttons (#32) together without pressing ENTER.
- 3 Enter the song normally.
- 4 After entering the final chord, press the three INTRO/END buttons together, again without pressing ENTER.
- 5 Select PLAYBACK. Both markers are required for the feature to work.

Programming Drums Only in Memory

In RECORD mode, press ENTER/PLAYBACK with no chord sounding to store a blank measure. With Rhythm volume up, the blank step plays drums only. Blank measures can also separate two songs and allow time to change rhythm or balance.

Tuning Control

The Omnichord is factory set to A=440. To match an out-of-tune accompanying instrument, rotate tuning control #24 clockwise or counter-clockwise.

Original 23

MIDI Interface

OM-300

Connecting the OM-300 to external MIDI equipment

The OM-300 MIDI OUT can control an external synthesizer, computer, sequencer or other MIDI device. Chords, strumplate, melody and walking bass may be assigned to MIDI while internal Omnichord sounds are also used if desired.

- 1** With both devices off, connect an RW-MIDI 10 or 20 cable to OM-300 MIDI OUT jack 36, then connect the other end to the external device's MIDI IN. Turn both devices on after connections are complete.
- 2** MIDI-device sound and Omnichord sound are generated together. To hear MIDI only, reduce the relevant Omnichord function volume; to mix them, set each Omnichord function volume as desired.
- 3** The OM-300 transmits in MIDI OMNI mode and on MIDI channels 1, 2 and 3. In OMNI mode, the receiver handles chord, strumplate, melody and walking-bass data. In channel mode: channel 1 is Strumplate or melody keyboard, channel 2 is chords, and channel 3 is walking bass.

Note: For better balance, connect the Omnichord line output to an external amplifier when using MIDI. Drum patterns do not pass through MIDI; they remain on the internal speaker or Omnichord line output and may be turned down if not required.

Original 24

Specifications

OM-300

Model OM-300

Sounds and Range

Strumplate voices: Omnichord, Guitar, Harp, Banjo, Strings, Piano, Organ, Celeste, Marimba and Steel Drums. Strumplate range: four octaves.

Chord buttons: 36 Softouch buttons providing 84 chords - major, minor, seventh, major seventh, minor seventh, augmented and diminished. Rhythms: Rock 1, Rock 2, Rock 3, March, Jazz, Country, Bluegrass, Bossanova, Samba and Waltz.

Controls and Memory

Variable controls: Master Volume, Strumplate Volume, Strumplate Sustain, Rhythm Volume, Rhythm Tempo, Chord Volume and Tuning.

Button controls: Master On/Off, Demo, Strumplate Voices, Rhythms, Drum Start, Chord Plus, Manual Chord, Instant Off, Memory Record/Playback, Melody Enter/Playback and Drum Fill.

Chord-memory functions: Record/Playback, Delete/Repeat, Enter/Playback, Memory Clear, Skip and Intro/Ending, with a capacity of 120 chords. Other functions: Drum Fill, Transpose, MIDI Out and Keyboard Octave Shift, range C-G2.

Melody Keyboard and Tuning

Melody-keyboard voices: Organ, Banjo, Trumpet, Harmonica, Piano, Electric Bass, Human Voice, Marimba, Calliope and Steel Drums. Tuning range: plus or minus 30 cents.

Output, Connections and Power

Power output: 7 watts. Speaker: 3.5-inch, 8 ohm. Jacks: A/C Power In, 1/4-inch Lineout/Headphone, Footswitch and MIDI Out.

Power requirements: 12 volts DC from eight C batteries or an OCA-7 A/C adapter rated at 12 volts, 400 mA, negative-tip polarity.

Dimensions

18 7/8 inches long by 11 1/4 inches wide by 1 3/4 inches thick. Weight: 3 pounds 9 1/4 ounces.

Model OM-300

Strumplate Voices	Omnichord, Guitar, Harp, Banjo, Strings, Piano, Organ, Celeste, Marimba, Steel Drums
Strumplate Range	4 Octaves
Chord Buttons	36 Softouch Buttons, 84 Chords, Major, Minor, 7th, Major 7th, Minor 7th, Augmented & Diminished
Rhythms	Rock-1, Rock 2, Rock 3, March, Jazz, Country, Bluegrass, Bossanova, Samba & Waltz
Variable Controls	Master Volume, Strumplate Volume, Strumplate Sustain, Rhythm Volume, Rhythm Tempo, Chord Volume & Tuning
Button Controls	Master On/Off, Demo, Strumplate Voices, Rhythms, Drum Start, Chord Plus, Manual Chord, Instant Off, Memory Record/Playback, Melody Enter/Playback, Drum Fill
Chord Memory Functions	Record/Playback, Delete/Repeat, Enter/Playback, Memory Clear, Skip, Intro/Ending, 120 Chord Capacity
Other Functions	Drum Fill, Transpose, Midi Out, Keyboard Octave Shift—Range C-G ²
Melody Keyboard Voices	Organ, Banjo, Trumpet, Harmonica, Piano, Electric Bass, Human Voice, Marimba, Calliope, Steel Drums
Tuning	±30 cents
Power Output & Speaker	7 Watts, Speaker: 3½", 8 ohm
Jacks	AC Power In, ¼" Lineout/Headphone Footswitch, Midi Out
Power Requirements	12 Volts DC, 8 "C" Batteries or OCA-7 A/C Adapter: 12 Volts 400MA, Neg Tip Polarity
Dimensions	18⅞" Long x 11¼" Wide x 1¾" Thick Weight: 3 lb. 9¼ oz.

Original OM-300 specifications table.

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Warranty

Historical warranty information

The Suzuki Limited Warranty

This product, except the exterior cosmetic parts, was warranted by Suzuki Corporation to the original purchaser to be free from defects in material and workmanship under normal use.

For 90 days from purchase, Suzuki would pay labour charges to repair a defective product; after that period, labour charges were the owner's responsibility. Suzuki would also supply new or rebuilt replacement parts for one year from purchase at no charge.

Repairs required the original purchaser to return the product to an Authorized Suzuki Retail Center with proof of purchase. The dealer would repair it or return it to the Suzuki distribution center in San Diego, California. Misuse, abuse, alteration or opening the product voided the warranty; bending, dropping, cracks and scratches were presumed to result from misuse or abuse.

The printed warranty disclaimed extension beyond the stated period and responsibility for incidental or consequential damages. Its United States contact was Suzuki Corporation, San Diego Distribution Center, P.O. Box 261030, San Diego, California 92196, 1-619-566-9710. Other countries were directed to the original retailer.

Note: Warranty terms and contact details are reproduced as historical source material and should not be treated as current warranty advice.

THE SUZUKI LIMITED WARRANTY

This product, except the exterior cosmetic parts, is warranted by the Suzuki Corporation to the original purchaser to be free from defects in material and workmanship under normal use, as follows:

1. For a period of 90 days from the date of purchase, the Suzuki Corporation will pay the labor charges to repair the defective product. After this 90 day period, you must pay all labor charges.
2. In addition, the Suzuki Corporation will supply, at no charge, new or rebuilt replacements for defective parts for a period of 1 year from the date of purchase.

In the event repairs are needed, the original purchaser will return the product to an Authorized Suzuki Retail Center **with proof of purchase**. The dealer will then repair the product or return to the Suzuki distribution center in San Diego, California for repairs. Upon completion of the repair, the unit will be returned to the dealer freight pre-paid. This warranty will not apply to this product if it has been misused, abused or altered. This warranty is void if the product is opened. Without limiting the foregoing, bending, dropping of unit, or visible cracks and/or scratches are presumed to be defects resulting from misuse or abuse.

Neither this warranty nor any other warranty expressed or implied, including implied warranties of merchantability, shall extend beyond the warranty period. No responsibility is assumed for any incidental or consequential damages.

In the United States Contact: Suzuki Corporation
San Diego Distribution Center. P.O. Box 261030, San Diego, California 92196, 1-619-566-9710

All Other Countries Contact: Original retailer where product was purchased for additional warranty details.

Original printed Suzuki limited-warranty panel.

OM-300

Original back cover

