



IFAH HANDS

COMPLETE GESTURE MANUAL · V1.0.0

A hand-played harmonic
instrument. The same
grammar the application
uses, made visible.

LOCAL CAMERA · LOCAL AUDIO · NO ACCOUNT REQUIRED

The instrument in one page.

BEGIN

Raise your hands. Play.

Open the camera, sit far enough back for both hands to move freely, then raise one hand. Camera frames and face detection remain on this machine.

SOUND

Blend two chord sounds. Give lead its own voice.

Bring in up to two chord sounds. LEAD VOICE defaults to SAME AS CHORDS; choose another voice only when you want the melody to stand apart.

CAMERA

The image is yours.

NATURAL and MONO preserve the frame. SOFT obscures the whole room. FACE BLUR detects and blurs only the face locally, leaving the hands and body readable.

LEARN

Hear the path, then play it.

Choose an exercise, press LISTEN, then follow the numbered finger path. The chord map tells you what each finger means; the arrow path tells you the order.

STAGE

Choose how much the instrument says.

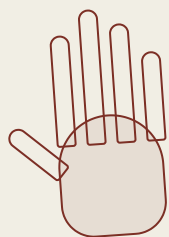
NORMAL keeps the full reading. QUIET makes the musical state compact. SHADOW removes interface and tracking overlays so only the local camera performance remains.

RECORD + LOOP

Capture the performance, not the camera.

RECORD writes WAV plus MIDI and JSON performance data. The looper captures the sounding instrument. No camera image is recorded.

ONE HAND PLAYS THE HARMONIC FIELD



ONE HAND

MOVE LEFT ↔ RIGHT

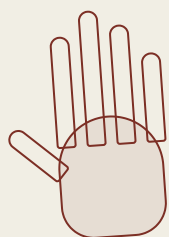
DEGREE I–VII



ONE HAND

MOVE HIGH ↓ LOW

VOICING



BODY

LEAN NEAR ↔ FAR

DYNAMICS

FINGER COUNT PLAYS THE CHORD



ONE HAND

SHOW 1 / 2 / 3 / 4 / 5

**CHORD I / II / III / IV /
V**



ONE HAND

STRIKE DOWN OR UP

REPLAY / STRUM

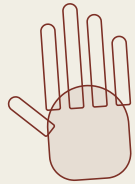


BODY

LEAN NEAR ↔ FAR

DYNAMICS

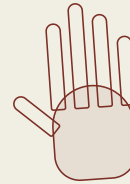
RIGHT LOCKS THE SHAPE • LEFT PLAYS THE CHORDS



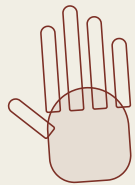
1 · RIGHT
HOLD A SHAPE ·
75 MS
CONFIGURE +
LOCK THE
VOICING



2 · LEFT
SHOW 1 / 2 / 3
/ 4 / 5
PLAY CHORD I
/ II / III / IV / V



LEFT
MOVE HIGH ↑ LOW
HIGH / MID /
LOW REGISTER



LEFT
MAKE A FIST /
LEAVE FRAME
NOTE OFF



LEFT
MOVE NEAR ↔ FAR
CALIBRATED
DYNAMICS

SECOND INVERSION

1

SHOW ONE
FINGER · FIFTH
MOVES TO THE
BASS

FIRST INVERSION

2

SHOW TWO
FINGERS · ROOT
MOVES TO THE
TOP

SEVENTH

3

SHOW THREE
FINGERS · ADDS
TENSION

ADD9

4

SHOW FOUR
FINGERS ·
OPENS THE
CHORD ABOVE

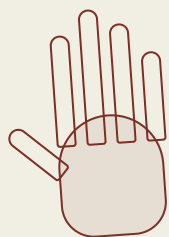
TRIAD

5

OPEN RIGHT
HAND · LOCKS
THE DEFAULT
SHAPE

1 RIGHT: HOLD A SHAPE TO LOCK · 2 LEFT: SHOW 1-5 TO PLAY I-V · LEFT FIST OR LEAVE TO STOP ·
HEIGHT: REGISTER · DISTANCE: DYNAMICS

ONE PINCH SINGS ONE NOTE



RIGHT

**PINCH INDEX / MIDDLE /
RING / PINKY**

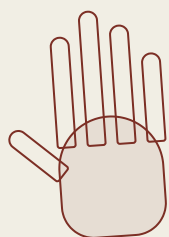
FOUR SCALE NOTES



RIGHT

SLIDE LEFT ↔ RIGHT

BEND

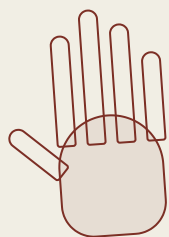


RIGHT

SHAKE GENTLY

VIBRATO

LEFT ACCOMPANIES · RIGHT SINGS



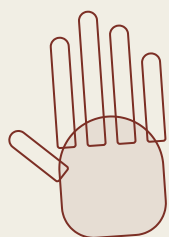
LEFT

MOVE + STRIKE
CHORD



RIGHT

PINCH + SLIDE
LEAD



BOTH

MOVE NEAR ↔ FAR
DYNAMICS

LEFT COUNTS · RIGHT SINGS



LEFT

SHOW 1-5 FINGERS
CHORD I-V



RIGHT

PINCH A FINGER
LEAD NOTE



BOTH

MOVE NEAR ↔ FAR
DYNAMICS

Raise your hands.

PLAY · LISTEN · UNDERSTAND