

 **YAMAHA**

TENORI-ON

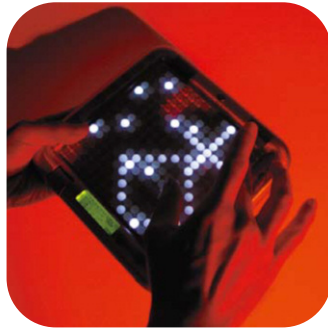
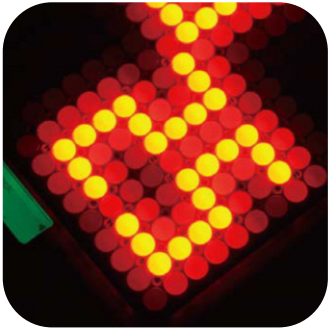
designed by Toshio Iwai & Yamaha

TNR-W / TNR-O

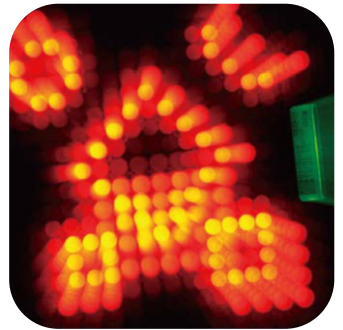
TENORI-ON
LAYER 01-Score BLOC 01
INST 01/01: Photon
TIME 19:49:55 STOP

O K

CANCEL



TENORI-ON is a musical interface for the twenty-first century, featuring a matrix of 16 x 16 LED buttons that allow the performer to compose and perform music intuitively and visually. With the expandability offered by MIDI and sampled sounds, TENORI-ON brings a new musical dimension to live performance, studio work, and to artists' ability to sketch musical ideas.



TNR-W
White LED



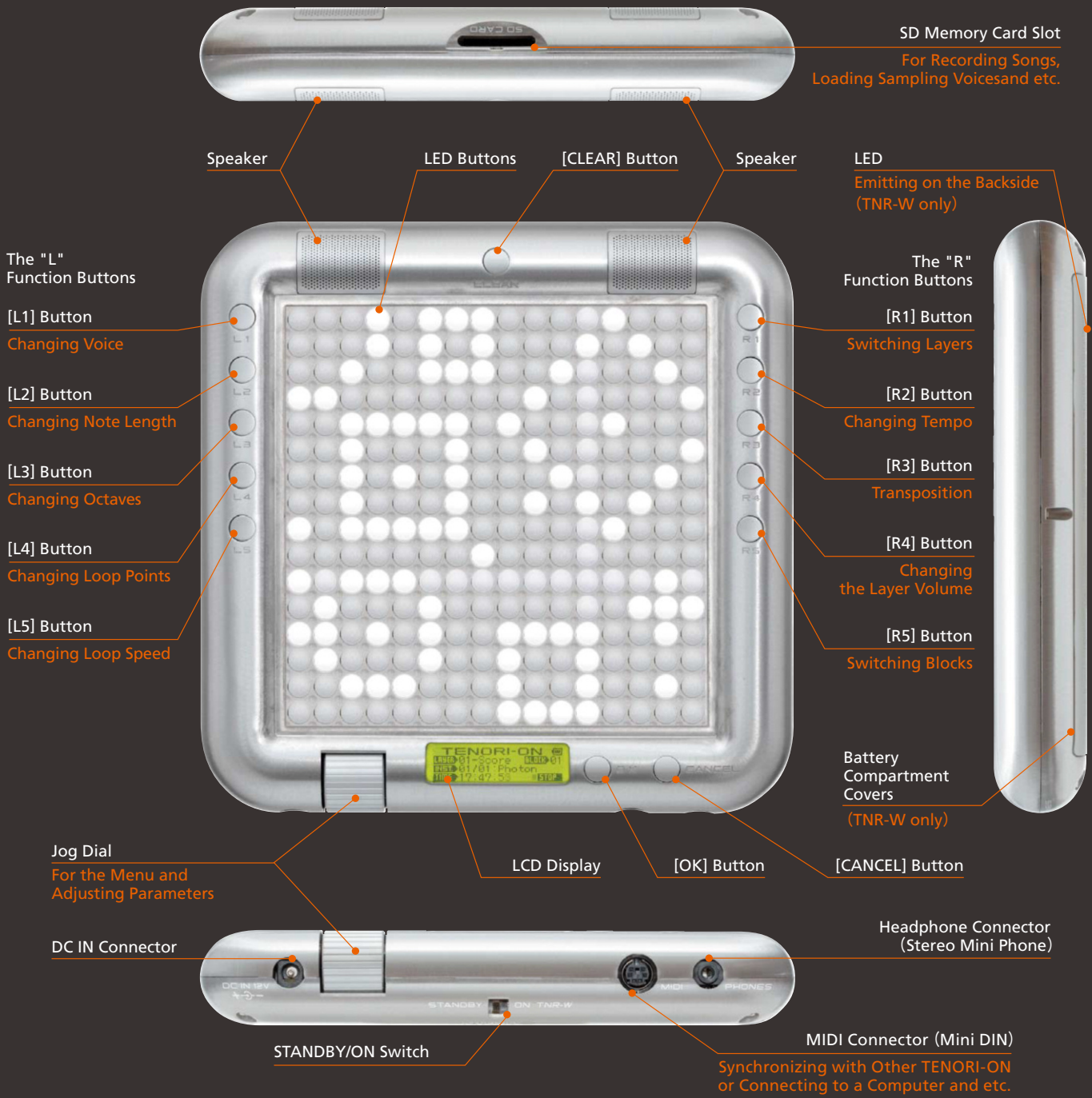
TNR-O
Orange LED



The TNR-W (TENORI-ON White LED) is equipped with white-emitting LEDs on both sides, making it perfect for performing in front of an audience in a live setting. This model features a strong, solid magnesium frame.

The TNR-O (TENORI-ON Orange LED) features orange LEDs on a single side, allowing you to enjoy performing in the relaxed atmosphere of your own home or music studio. The frame is made of flawless lightweight white plastic.

TNR-W	Model	TNR-O
Magnesium	Frame	Plastic
White	LED Color	Orange
LED (no switch function)	Rear Display	No LEDs
AC adaptor / 6 "AA" batteries	Power Supply	AC adaptor
Approx. 700g (1 lbs. 9 oz.) (without batteries)	Weight	Approx 610g (Approx 1 lbs. 5 1/2 oz.)



SD Memory Card Slot
For Recording Songs,
Loading Sampling Voices and etc.

Speaker LED Buttons [CLEAR] Button Speaker

LED
Emitting on the Backside
(TNR-W only)

The "L"
Function Buttons

The "R"
Function Buttons

[L1] Button
Changing Voice

[R1] Button
Switching Layers

[L2] Button
Changing Note Length

[R2] Button
Changing Tempo

[L3] Button
Changing Octaves

[R3] Button
Transposition

[L4] Button
Changing Loop Points

[R4] Button
Changing the Layer Volume

[L5] Button
Changing Loop Speed

[R5] Button
Switching Blocks

Battery
Compartment
Covers
(TNR-W only)

Jog Dial
For the Menu and
Adjusting Parameters

LCD Display

[OK] Button

[CANCEL] Button

DC IN Connector

Headphone Connector
(Stereo Mini Phone)

STANDBY/ON Switch

MIDI Connector (Mini DIN)
Synchronizing with Other TENORI-ON
or Connecting to a Computer and etc.

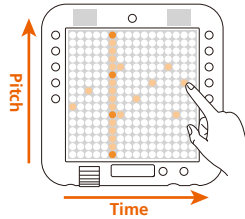
TENORI-ON "Modes"

The TENORI-ON provides six different performances and sound/light modes for broad performance versatility.

SCORE MODE

Make a basic loop

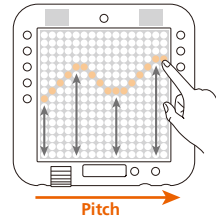
You can make active notes that will play repeatedly.



BOUNCE MODE

Make a loop by bouncing

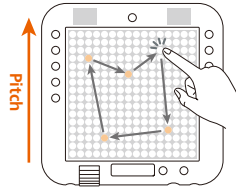
The light will "drop" from that button, bounce back from the bottom of the matrix, and repeat.



RANDOM MODE

Make a figure loop

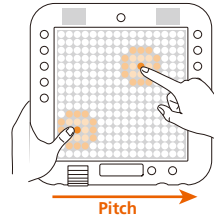
You can make the lights will "travel" from note to note, in the order entered, and the active notes will sound when the traveling light passes over them.



PUSH MODE

Generate a continuous sound

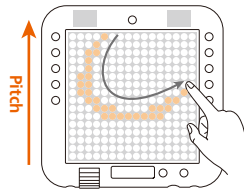
The sound will begin to change gradually while the flashing surrounding that button gets brighter and wider.



DRAW MODE

Repeat just what you played

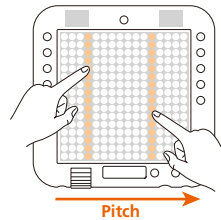
You can press individual LED buttons or draw lines or curves on the matrix, and those actions will be played back and repeated.



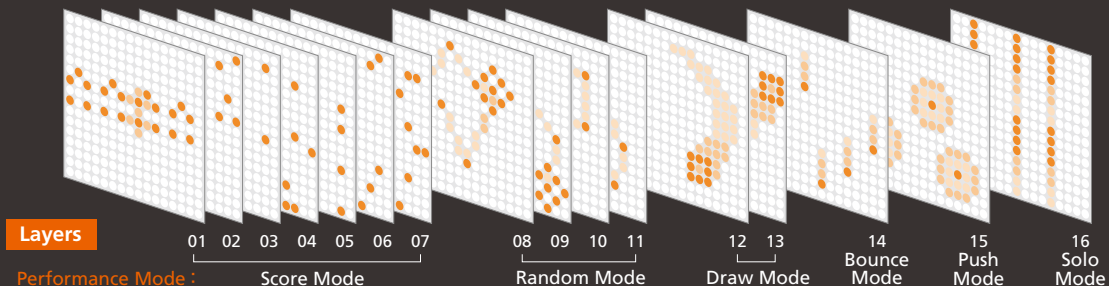
SOLO MODE

Play the solo performance

The sound will repeat until the button is released. You can change the interval between repeats.



Layers TENORI-ON layers can be thought of as performance parts or recording tracks. The TENORI-ON has a total of 16 layers. Separate notes and voices can be assigned to each layer, and all layers can be played together in synchronization. The 16 layers are divided into six performance mode groups as shown in the illustration below.



→ TENORI-ON has more functions. For the details, please visit the TENORI-ON web page. <http://www.global.yamaha.com/tenori-on>

TENORI-ON

● Sequencer

Note Resolution	J = 96 clocks
Gate Time	10 ms ~ 9990 ms
Octaves	-5 ~ +5
Tempo (BPM)	40 ~ 240
Scales	9 types
Transpose	-7 ~ +8
Performance Modes ...	6 types: Score, Random, Draw, Bounce, Push, Solo
Other Functions	Clock, power-save, synchronized performance with two TENORI-ON instruments, recording, TENORI-ON song playback
Maximum Active Notes ...	Push Mode: 64, Random Mode: 64 points, Draw Mode: 64 points

● Tone Generator

Tone Generator Type	AWM2
Maximum Polyphony	32 notes
Preset Voices	253 (239 normal, 14 drum kit)
Effects	2 processors
	Reverb: 10 types, Chorus: 5 types
Sampling	3 voices (Raw audio with a maximum length of 0.97 sec., up to 16 samples per voice)
	*Using the supplied TENORI-ON User Voice Manager software.

● Card

Save	Song, Block, Layer, Setting, Sampling
Load	Song, Block, Layer, Setting, Sampling
Rename	Song, Block, Layer, Setting, Sampling
Delete	Song, Block, Layer, Setting, Sampling
Format	

● Controller & Display

LED Buttons	256
Rear LED Display Points(TNR-W)	256 (No function)
Function Buttons	10 (L1 ~ L5, R1 ~ R5)
CLEAR, OK, CANCEL Buttons	1 each
Jog Dial	
Display	122 x 32 dot graphic LCD device, 20 characters x 4 lines, monochrome

● Sound

Stereo Speakers	1-watt output power
------------------------------	---------------------

● Connectors

Line Out/Phones	Stereo mini phone jack x 1
Mini DIN	MIDI IN: For synchronized performance using external MIDI devices, MIDI OUT: for external device control
Card Slot	SD Memory Card compatible
DC In	Connector for PA-3C, PA-130 or equivalent Yamaha AC adaptor

● Power Supply

6 "AA" alkaline batteries (TNR-W only)	
AC Adaptor	PA-3C, PA-130 or equivalent Yamaha AC adaptor

● Dimensions & Weight

Dimensions	205 x 205 x 32 mm (8-1/16" x 8-1/16" x 1-1/4")
Weight (TNR-W)	Approx. 700g (1 lbs. 9 oz.) (without batteries)
(TNR-O)	Approx 610g (Approx 1 lbs. 5 1/2 oz.)

● Supplied Accessories

Mini DIN cable, CD-ROM x 1, AC Adaptor (PA-3C, PA-130 or equivalent Yamaha AC adaptor), Quick Guide, Installation Guide, Precautions

Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice.
Since specifications, equipment or options may not be the same in every locale.
The colors shown in this catalog may appear slightly different than those on the actual products.



CREATING 'KANDO' TOGETHER
YAMAHA CORPORATION

Printed in Japan

<http://www.global.yamaha.com/tenori-on>

designed by Toshio Iwai & Yamaha 200, Japan



P10022186

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

RATED VOLTAGE: DC1V
AC POWER ADAPTOR: YAMAHA PA-3C or PA-130
YAMAHA CORPORATION MADE IN JAPAN

RATED VOLTAGE: DC1V
AC POWER ADAPTOR: YAMAHA PA-3C or PA-130
YAMAHA CORPORATION MADE IN JAPAN

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.