

TAALMALA
digi-108
Digital Tabla

INTRODUCTION

Congratulations! You are the proud owner of a **Radel** quality product - the **Taalmala Digi-108** digital tabla. **Radel** products are renowned for their excellent tonal quality as well as their reliability. The latest state-of-the-art technology is used in the design as well as manufacture of the products. Being the inventor of these products and pioneer in the field of electronic musical instruments for Indian music, **Radel** continuously improves the existing models and introduces new products. **Radel** is an ISO 9001:2008 company. Hence, the name **Radel** assures you of excellent quality, and, although you may never need it, dedicated after-sales service.

GENERAL INFORMATION

The **Taalmala Digi-108** digital tabla is a sophisticated instrument which not only plays 108 pre-set tabla thekas, but is capable of simulating a 'live accompaniment' effect, so that it can be even used in concerts. It has a variety of attractive Fill-ins, Laggis, and Tihayis. MIDI IN and MIDI OUT facility has been provided, making the **Taalmala Digi-108** the only Indian musical instrument that can be connected via MIDI to a keyboard synthesizer or computer. The instrument utilizes the latest state-of-the-art sampler technology to produce an amazingly realistic sound of the traditional tabla. The instrument automatically operates on any voltage between 90 V - 260 V AC or a set of six internal dry batteries (AA size).

The Special Features of the **Digi-108** are:

- Live accompaniment mode
- Manjeera Sound
- Realistic Tabla Sound
- Digital display on an LCD screen, of matras, tempo, taals, modes & pitch.
- One octave pitch range with fine tuning in between standard settings
- 4 settings of dagga depth
- Intelligently played Long and Short Fill-ins
- Sync with **Radel** Sunadamala
- Connect through MIDI to keyboard Synthesizer
- Editing of Taals by user
- User can compose 5 new thekas of 99 matras each
- Saving of user settings of pitch etc

OPERATING INSTRUCTIONS

Connecting To the Power Outlet:

For operation on AC Mains, insert the Power cord into the AC socket at the rear of the instrument. Plug the power cord into the AC wall socket. Switch the instrument ON by pressing the power button.

QUICK START (BASIC FUNCTIONS):

The LCD Display shows:

000	Teen 1
Matra 16	Normal

indicating Taal number :000, Name: Teen Taal variety: 1, consisting of 16 matras and normal mode of play. Press the green button marked START. The theka begins to play.

VOLUME ADJUSTMENT:

Press the VOL/BAYAN button. Press ▲ or ▼ buttons so that the arrow on the display points to 'VOLUME', indicating the main volume. Press the OK button. Press ▲ or ▼ buttons to vary the volume as desired. The current volume levels can be seen on the LCD display panel. The main Volume can be adjusted up to 20 levels and can be muted to '0'.

For Bayan/dagga (left hand) volume variation, press VOL/BAYAN button. Select Bayan using ▲ or ▼ buttons and press the OK button. Now, use ▲ or ▼ buttons to vary the bayan volume. The current bayan volume levels are displayed. The bayan volume can be adjustable up to 20 levels. To go back to the previous menu, press BACK button.

TEMPO ADJUSTMENT:

The tempo can be adjusted from 10-600 Matra per minute. 4 laya ranges will be displayed as the tempo reaches each range: Drut, Madhyam, Vilambit and Ati vilambit.

The tempo can be changed from Drut to Ati vilambit OR from Ati vilambit to Drut without stopping the theka, in steps of 1 matra per minute

To change the tempo, press the button marked TEMPO. Press the ▲ or ▼ buttons repeatedly till the desired tempo is reached. For quicker variation of the tempo, press and hold ▲ or ▼ buttons. The user can also vary the tempo to a specified tempo level by pressing the number buttons and then the OK button

LAYA INDICATION:

An LED will blink 8 times per matra in Ati-vilambit, four times in Vilambit, twice in Madhyam and once in Drut laya.

PITCH SELECTION:

A pitch range of more than one octave is provided on the **Taalmaala Digi-108** from C to higher octave F in coarse mode (standard settings). Further there are 30 levels of fine-tuning in-between 2 standard settings (+15 and -15).

To select the pitch, press the PITCH/DAGGA button. Use ▲ or ▼ buttons to select the pitch (the arrow on the display should point to PITCH) and press the OK button. Press and hold these buttons till the desired pitch is reached. The display shows the selected pitch as C, C# etc.

Note: The option pointed by the arrow will be selected when OK button is pressed. Any menu selection like pitch, tempo etc will be displayed only for 10 seconds. The selected function on the menu should be adjusted within 10 seconds.

FINE-TUNING OF PITCH:

To adjust pitch in fine steps press up/down buttons repeatedly (short press and release). The display shows the level of fine-tuning as 'C 6' or 'G -7' etc. To go back to previous menu, press BACK button.

DAGGA GUMKI:

The Dagga or left hand stroke has 4 varieties of gumki (1-4).

To vary the dagga, press the PITCH/DAGGA button. Select DAGGA using ▲ or ▼ buttons then press OK. Now, by pressing ▲ or ▼ dagga varies and the display would correspondingly indicate the dagga gumki variety.

TAAL SELECTION:

There are 112 Taals out of which 108 (0-107) are pre-programmed and 5 taals (108-112) can be composed and stored by the user. (See Appendix for the list of Thekas)

The user can either select the taal when the Taalmala is stopped, or while playing. Press the number buttons and the corresponding taal is selected. Press the START button. The selected taal is played and the display shows the taal number, taal name, number of matras and the mode (normal, filler, random or natural). The taal can also be changed through the TAAL button. Press the TAAL button. Use ▲ or ▼ buttons to scroll till the desired taal is displayed. Press START button within 10 seconds. The selected taal starts playing and the display correspondingly shows taal number, name, matras and the mode of the current selection.

MANJIRA:

An added Manjira can be selected for some of the taals (see Appendix) such as bhajan etc.

To select / stop Manjira, use MANJIRA ON/OFF button. The display shows the manjira status(10 seconds).

FILL-IN:

Attractive fill-in patterns have been provided to enhance the effect of the **Taalmala Digi 108**.

You can press the short fill-in or long fill-in button at any point during the theka.

Long fill-in ends in the next cycle

Short fill-in ends in the current cycle.

Short and long fill-ins are available for taals with more than 4 matras.

Pressing 'short fill-in' button while a theka is playing causes the **Taalmala Digi 108** to insert an appropriate pattern of rhythm from that instant to the end of the theka. However, pressing short fill-in when only 1 or 2 matras of the theka are remaining, will be considered as a long fill-in.

Pressing long fill-in for thekas more than 16 counts will be considered as a short fill-in.

Pressing long fill-in in vilambit and ati-vilambit laya will be considered as a short fill-in.

Fill-ins will not be inserted above tempo of 300 matras per minute.

MODES OF PLAY:

There are 4 modes of play provided in the **Taalmala Digi 108**:

Normal Mode: Where the plain theka plays at all tempo ranges, without filler-bols for slower tempo.

Filler Mode: Where filler-bols are inserted automatically at slower tempo (120 Matras per minute and below).

Random Mode: Where small fill-ins/ alternate bols are interspersed at random during theka play. **Random mode is applicable only for certain thekas mentioned in Appendix and for tempo less than 400 matras per minute.**

Natural Mode: Where the Taalmala automatically inserts filler-bols for slower tempos, and inserts an accepted variation of some bols every few cycles, just as a human accompanist would do.

To activate a desired mode, press **MODE** button then select one of above four modes using ▲ or ▼ buttons and press OK.

CONNECTING TO AN EXTERNAL AMPLIFIER:

Connect the **Taalmala Digi 108** to an external amplifier using stereo audio cable. A standard 1/8" socket is provided at the rear of the instrument.

STORING AND RECALLING USER SETTINGS:

To store user settings of coarse pitch, fine pitch, tempo, dagga, play mode, Manjira status, press **STORE /RECALL** button and scroll using ▲ or ▼ button till 'STORE' is displayed. Press OK. 'User number' is displayed. This indicates various user settings available. 10 different memory locations are available to store 10 different preferences. Now scroll using ▲ or ▼ button. Memory location 'user 1' to 'user 10' is displayed. Select any of the memory locations and press OK. Your settings are stored. 'user settings number stored' is displayed.

To recall user settings, press the **STORE /RECALL** button and scroll using ▲ or ▼ button till **RECALL** is displayed. Press OK. Now scroll using ▲ or ▼ button till 'user settings' is displayed. Press OK. 'user number' is displayed. Now again scroll using ▲ or ▼ button till the required 'user number' is displayed. Select the desired memory location number from where you wish to recall the settings and press OK. The display shows 'user settings number recalled' indicating that the required user settings are recalled.

Default Settings	
Taal	Teen 1
Volume	10
Bayan	10
Tempo	200
Pitch	Top C
Fine Pitch	0
Dagga	1
Play Mode	Normal
Manjira status	OFF

ADVANCED FUNCTIONS OF THE TAALMALA DIGI-108

LAGGI:

Laggi is a fast-paced pattern of several cycles played as an interlude, usually during slow Thumri performances, to provide variety and excitement.

Laggi selection is accepted for these taals: Teen, Keherwa, Dadra, Rupak, Deepchandi, Chachar & Lok taals.

The list of taals where laggi can be used is provided in Appendix 3.

The laggis are grouped into cycles of 6, 7, or 8 counts.

Cycles of 7 counts are available only when Rupak taal is used.

Dadra taal supports laggis of 6 counts and 8 counts (displayed as Group 6 or Group 8). To switch between these varieties press GROUP SEL button.

TO START THE LAGGI: Press LAGGI button when a compatible taal is playing. An appropriate laggi starts playing from the first count of the next cycle. This sequence continues for four cycles and then the next laggi is played until LAGGI CHANGE or LAGGI button is pressed.

TO CHANGE THE LAGGI: Press LAGGI CHANGE button while a laggi is playing. A new laggi starts playing. This continues till all the laggis in that laggi group are played. Pressing LAGGI CHANGE button again will take you back to the slowest laggi again to repeat the cycle.

Every time a laggi is changed, the instrument automatically selects a new laggi after playing the current laggi for four times. When the final laggi is playing, it continues till the user changes / stops the laggi.

TO STOP THE LAGGI: Press LAGGI button when a laggi is playing. An appropriate tihayi for that laggi will play, and return to the actual taal.

Note: Laggi will not be played above tempo of 350 matras per minute

TIHAYI:

Tihayi is an attractive end-pattern played by the tabla after which the taal stops. Tihayi is available for all the Thekas.

Pressing the TIHAYI button while a theka is playing causes the Taalmala Digi 108 to insert an appropriate tihayi, such that the pattern ends on the first count (sum) of the theka. The Theka also stops with the ending of the Tihayi.

EDITING THEKA:

All thekas can be edited. However, only selected thekas can be stored after editing. Edit and store facilities are provided only in the thekas listed in Appendix 4.

The bol itself, the dagga variety within the bol, and emphasis can be edited for each matra.

EDIT PROCEDURE:

Play the theka that needs to be edited and press the red STOP button. Now press PGM/EDIT button and press ▲ or ▼ to select EDIT and then press OK. Now use ▲ or ▼ to go to a particular matra and press the number buttons to select the required bol /stroke. In case, 2 bols are marked on the button, press the button again to select the bol marked on the lower part of the button. E.g. press once for 'na' and twice to select 'na-na' or once for 'Ge' and twice for 'Dha-ge'.

Some bols have several varieties of dagga (left hand stroke) available. To change the variety of the bol, press LH. The LH variety is highlighted. Now press ▲ or ▼ to scroll through the varieties available and select the one required.

To change the EMPHASIS of the bol, press the EMPHASIS button. 'Emp' is highlighted on the display. Use ▲ or ▼ to change the 'pressure' of the 'bol'.

After changing the variety and Emphasis, press BACK to return to the matra. Press ▲ to go to the next matra, edit it if required, as shown above. If that matra need not be edited, move to the next matra by pressing ▲. Similarly go through all matras till the end of the taal.

If it is required to go back to any edited matra, use the ▼ button.

Press OK to store the edited theka. If taal can not be stored it will show "No Support"

Press START. The edited theka will play.

If you do not wish to store the edited changes, press STOP. Pressing STOP will ignore the changes and come out of edit mode.

To restore edited taal to original factory-set theka:

To recall an original theka, play the particular edited theka and press STOP. Now press STORE/RECALL button and use ▲ or ▼ to select RECALL. Press OK. Now use ▲ or ▼ to select current taal and press OK. The display shows Taal Restored.

To restore edited taal to original factory-set theka:

To recall all original thekas at once, press STORE/RECALL button and use ▲ or ▼ to select RECALL. Press OK. Now use ▲ or ▼ to select 'all taals'. Press OK. Wait for 5 seconds. The display shows 'all taals restored'. All the editable thekas are now restored to the original factory-set thekas.

COMPOSING A NEW TAAL/THEKA:

The user can compose five Thekas of up to 99 bols each. These are stored in memory till the user overwrites them with a fresh Theka. These Thekas are stored under theka numbers 108 to 112.

Procedure:

Stop any theka that is playing.

Press PGM/EDIT button. Select PROGRAM using ▲ or ▼ buttons. Press OK.

Use ▲ or ▼ to Select a compose Theka number (108 to 112). Press OK.

Now the **Taalimala Digi 108** is in PROGRAM MODE and the display will show all the data corresponding to the active matra:

MATRA1	Pause	
Lh	Emp1	At0

The top line shows MATRA indicating the matra number, Pause indicating that the matra currently has no bol assigned to it, and the second line shows Lh, Emp1 and At0. These are explained below.

Choices within matra selection:

Position of bol within each matra:

This version of taalimala allows user to position the stroke in program mode at 16 different places in a matra. E.g. place the bol after $\frac{1}{4}$ matra etc.

Press the POSITION (MODE) button. At 0 is highlighted on the display. Use ▲ or ▼ buttons to position the bol to any of 16 positions within the matra if required. The relevant position selected is displayed excluding Tirukita, kita, Na-Na, Dhage.

Variety of dagga bol selection: 5 varieties of dagga bols are provided in those bols where the left-hand stroke is used. Select the variety of left-

hand bol by pressing the LH (TAAL) button. Lh is highlighted with the variety selected. Use ▲ or ▼ to change the LH variety. The display will show you different kinds of LH patterns available.

Emphasis ('vazan' or 'stroke pressure') of each bol:

The user can select from 4 levels of emphasis for each bol. To change the emphasis, press Emphasis (TEMPO) button. Emp1 is highlighted on the display. and use ▲ or ▼ to change the level of emphasis of that bol.

After changing the required parameter (LH, emphasis, and bol position within matra), press the BACK button to return to the current matra (selected LH variety, emphasis, and stroke position are displayed).

Use ▲ or ▼ to move to next or previous matra.

Similarly select and program the next and subsequent matras.

To insert a silent matra, press the number button marked 0 also marked with '.

Press OK. The programmed theka will be stored.

Press START to play the programmed theka.

Press STOP to ignore the changes and exit the program mode.

PLAYING TAALMALA AND SUNADAMALA SYNCHRONOUSLY:

To play the **Taalimala Digi 108** in sync with the **Radel** Sunadamala lehra instrument, plug in one end of a mono cable to the LEHRA IN socket of the **Taalimala Digi 108** and the other end to the SYNC OUT socket of the Sunadamala instrument.

Select the desired taal on the Taalimala. Select a compatible taal and desired raag on the Sunadamala.

Press the SYNC button of the **Taalimala Digi 108**. The display shows Sync Mode.

Press START.

Now the instrument is in sync mode and is waiting for the Sunadamala to play.

Play the Sunadamala by pressing the START button.

The Taalimala Digi 108 follows the tempo of the Sunadamala.

Increasing or decreasing the tempo on the Sunadamala automatically increases or decreases the tempo on the Taalimala, to match the Sunadamala.

When interfacing with Sunadamala Zx, select drut laya on Sunadamala zx and Taalmala.

Note: The Sunadamala Zx cannot be played in Sync mode for a tempo less than 100.

When interfacing with Sunadamala Zx, select any of the layas (drut, madhyam, vilambit). **Ensure that the same laya is selected on Sunadamala Dx and Taalmala.**

To exit the sync mode, press STOP and then SYNC. Now the Taalmala is in normal mode and the display shows Normal Mode.

MIDI FACILITY:

The **Taalmala Digi 108** is MIDI compatible, making it possible for it to be connected to other MIDI compatible instruments such as keyboard synthesizers or a computer. The MIDI facility can be used in the following ways:

- a) For providing Tabla accompaniment to an Indian song played on the keyboard synthesizer, and controlling the tempo using either the Taalmala or the keyboard synthesizer.
- b) For playing Indian rhythms on a Western percussion instrument / keyboard synthesizer
- c) For playing the tabla creatively using the keys on the keyboard synthesizer.

The **Taalmala Digi 108** supports MIDI in and MIDI out. There are 4 Midi modes:

1. **Voice OUT:** By which the user can connect the **Taalmala Digi 108** to a western keyboard instrument / computer / midi-compatible percussion instrument, and use the western instrument to automatically play Indian rhythms generated by the Taalmala. Each tabla bol will be replaced by the corresponding western drum stroke. e.g. you can have a drum-set playing a rhythm corresponding to keherwa or garba.
2. **Clock OUT:** Here the Taalmala and keyboard are connected so that the rhythm tempo on both is synchronized, with the Taalmala controlling the tempo.
3. **Voice IN:** In this mode, the user can connect the Taalmala to the keyboard and play the tabla creatively, as he / she likes, on the keys of the keyboard synthesizer.

- 4. Clock IN:** Here the Taalmala and keyboard are connected so that the rhythm tempo on both is synchronized, with the keyboard synthesizer controlling the tempo.

Connecting the **Taalmala Digi 108** to another MIDI instrument:

To use the **Taalmala Digi 108** in one of the MIDI OUT modes connect one end of a standard Midi cable to the MIDI OUT socket of the Taalmala, and the other end to the MIDI IN socket of the destination MIDI instrument.

To use the **Taalmala Digi 108** in one of the MIDI IN modes connect one end of a standard Midi cable to the MIDI IN socket of the Taalmala, and the other end to the MIDI OUT socket of the destination MIDI instrument.

To select Voice Out, first press STOP. Press MIDI button. Using ▲ or ▼ select the 'Voice Out' shown on the display. Press OK and then START.

To select Clock Out, first press STOP. Press MIDI button. Using ▲ or ▼ select the 'Clock out' shown on the display. Press OK and then START.

To select Voice In, first press STOP. Press MIDI button. Using ▲ or ▼ select the 'Voice In' shown on the display. Press OK and then START.

To select Clock In, first press STOP. Press MIDI button. Using ▲ or ▼ select the 'Clock In' shown on the display. Press OK and then START.

To exit current MIDI mode press STOP, then MIDI button, MIDI OFF will be displayed.

Technical information:

Voice OUT: In this mode percussion messages are sent through MIDI-OUT socket, which can be used by any percussion instrument that supports the MIDI. All the messages are sent through channel 0 only.

Clock OUT: MIDI clock messages are sent continuously through MIDI-OUT socket, till the stop button is pressed, as a tempo reference to other MIDI supported instruments.

Voice IN: Note messages are expected from MIDI transmitting instrument to play tabla strokes. Only channel 0 messages are accepted.

Clock IN: MIDI clock messages are expected to follow the tempo of MIDI transmitting instrument.

OPERATION ON BATTERIES:

Fit a set of six 'AA' size 1.5V batteries into the battery compartment at the rear of the cabinet, making sure that the positive and negative ends are correctly aligned. On failure of AC mains power, the **Taalmala Digi 108** will automatically switch over to battery operation.

TAALA TABLE

TAALA No.	TAALA NAME	MATRAS	MANJIRA	EDITABLE	LAGGI	FILLIN	RANDOM	PROGRAMMABLE
00	Teen 1	16	YES	YES	YES	YES	YES	NO
01	Teen 2	16	YES	YES	YES	YES	YES	NO
02	Teen 3	16	YES	YES	YES	YES	YES	NO
03	Teen 4	16	YES	YES	YES	YES	YES	NO
04	Teen 5	32	NO	NO	NO	YES	NO	NO
05	Addha 1	16	YES	NO	NO	YES	YES	NO
06	Addha 2	16	NO	NO	NO	YES	YES	NO
07	Punjabi	16	YES	YES	NO	YES	YES	NO
08	Jat 1	8	YES	YES	NO	YES	NO	NO
09	Jat 2	16	NO	NO	NO	YES	NO	NO
10	Ek 1	12	NO	YES	NO	YES	YES	NO
11	Ek 2	48	NO	NO	NO	YES	NO	NO
12	Jhoomra 1	14	NO	YES	NO	YES	NO	NO
13	Jhoomra 2	14	NO	NO	NO	YES	YES	NO
14	Champak Savari 1	11	NO	NO	NO	YES	NO	NO
15	Champak Savari 2	11	NO	NO	NO	YES	NO	NO
16	Pancham Savari 1	15	NO	YES	NO	YES	YES	NO
17	Pancham Savari 2	15	NO	NO	NO	YES	NO	NO
18	Farodust 1	13	NO	NO	NO	YES	NO	NO
19	Farodust 2	13	NO	NO	NO	YES	NO	NO
20	Rupak 1	7	YES	YES	YES	YES	YES	NO
21	Rupak 2	7	YES	YES	YES	YES	YES	NO
22	Rupak 3	7	YES	YES	YES	YES	YES	NO
23	Rupak 4	7	YES	NO	YES	YES	YES	NO
24	Tevra 1	7	NO	NO	NO	YES	NO	NO
25	Tevra 2	7	NO	NO	NO	YES	NO	NO
26	Pashto	7	YES	NO	NO	YES	NO	NO
27	Anik	7	NO	NO	NO	YES	NO	NO
28	Surfakia	10	NO	NO	NO	YES	NO	NO
29	Sadra	10	NO	NO	NO	YES	NO	NO
30	Jhap 1	10	YES	YES	NO	YES	YES	NO
31	Jhap 2	10	NO	YES	NO	YES	YES	NO
32	Jhap 3	10	YES	YES	NO	YES	YES	NO
33	Jhap 4	10	NO	NO	NO	YES	NO	NO
34	Jhap 5	10	NO	NO	NO	YES	YES	NO
35	Jhap 6	10	NO	NO	NO	YES	NO	NO
36	Jhap 7	5	NO	NO	NO	YES	NO	NO
37	Sool 1	10	NO	YES	NO	YES	NO	NO
38	Sool 2	10	NO	NO	NO	YES	NO	NO
39	Ada Chau 1	14	NO	YES	NO	YES	YES	NO
40	Ada Chau 2	14	NO	YES	NO	YES	YES	NO

TAALA TABLE

TAAL No.	TAAL NAME	MATRAS	MANJIRA	EDI TABLE	LAGGI	FILLIN	RANDOM	PROGRAMMABLE
41	Chau	12	NO	YES	NO	YES	NO	NO
42	Dhamar	14	NO	YES	NO	YES	NO	NO
43	Matta 1	9	NO	YES	NO	YES	YES	NO
44	Matta 2	9	NO	NO	NO	YES	NO	NO
45	Matta 3	9	NO	NO	NO	YES	NO	NO
46	Navtaal	9	NO	NO	NO	YES	NO	NO
47	Rudra 1	11	NO	YES	NO	YES	YES	NO
48	Rudra 2	11	NO	NO	NO	YES	YES	NO
49	Deepchandi 1	14	YES	YES	YES	YES	YES	NO
50	Deepchandi 2	14	YES	YES	YES	YES	YES	NO
51	Deepchandi 3	7	YES	YES	YES	YES	NO	NO
52	Chachar	16	YES	YES	YES	YES	YES	NO
53	Brahma	28	NO	NO	NO	YES	NO	NO
54	Keherwa 1	4	YES	NO	YES	NO	NO	NO
55	Keherwa 2	8	YES	NO	YES	YES	YES	NO
56	Keherwa 3	8	YES	NO	YES	YES	YES	NO
57	Keherwa 4	8	YES	NO	YES	YES	YES	NO
58	Keherwa 5	8	YES	NO	YES	YES	NO	NO
59	Keherwa 6	8	YES	NO	YES	YES	NO	NO
60	Keherwa 7	8	YES	YES	YES	YES	YES	NO
61	Thumri	8	YES	YES	NO	YES	NO	NO
62	Tappa 1	16	YES	NO	NO	YES	NO	NO
63	Tappa 2	16	YES	NO	NO	YES	NO	NO
64	Lavani	8	NO	NO	NO	YES	NO	NO
65	Rupakda	8	NO	NO	NO	YES	NO	NO
66	Sashii	6	YES	NO	NO	YES	NO	NO
67	Jhampak	5	YES	NO	NO	YES	NO	NO
68	Chakra	5	NO	NO	NO	YES	NO	NO
69	Leelavati	13	NO	NO	NO	YES	NO	NO
70	Dadra 1	6	YES	NO	NO	YES	YES	NO
71	Dadra 2	6	YES	NO	YES	YES	YES	NO
72	Dadra 3	6	YES	NO	YES	YES	NO	NO
73	Dadra 4	6	YES	NO	YES	YES	NO	NO
74	Dadra 5	6	YES	NO	YES	YES	NO	NO
75	Khenta 1	6	YES	YES	NO	YES	NO	NO
76	Khenta 2	6	YES	NO	NO	YES	NO	NO
77	Jai 1	13	NO	NO	NO	YES	YES	NO
78	Jai 2	13	NO	NO	NO	YES	NO	NO
79	Jai 3	13	NO	NO	NO	YES	NO	NO
80	Tilwada	16	YES	YES	NO	YES	YES	NO

TAALA TABLE

TAAL No.	TAAL NAME	MATRAS	MANJIRA	EDITABLE	LAGGI	FILLIN	RANDOM	PROGRAMMABLE
81	Lok 1	8	YES	NO	YES	YES	NO	NO
82	Lok 2	8	YES	NO	YES	YES	NO	NO
83	Lok 3	8	YES	NO	YES	YES	NO	NO
84	Lok 4	8	YES	NO	YES	YES	NO	NO
85	Lok 5	8	YES	NO	YES	YES	NO	NO
86	Lok 6	8	YES	NO	YES	YES	NO	NO
87	Shikhir	17	NO	NO	NO	YES	NO	NO
88	Bhajan 1	8	YES	YES	NO	YES	NO	NO
89	Bhajan 2	8	YES	NO	NO	YES	NO	NO
90	Bhajan 3	8	YES	NO	NO	YES	NO	NO
91	Qawali 1	8	YES	NO	NO	YES	NO	NO
92	Qawali 2	8	YES	NO	NO	YES	NO	NO
93	Qawali 3	8	YES	NO	NO	YES	NO	NO
94	Qawali 4	8	YES	NO	NO	YES	NO	NO
95	Garba 1	8	YES	YES	NO	YES	NO	NO
96	Garba 2	8	YES	NO	NO	YES	YES	NO
97	Bhangra	4	YES	NO	NO	NO	NO	NO
98	Dhumali	8	YES	NO	NO	YES	YES	NO
99	Gaj Jempha	15	NO	NO	NO	YES	NO	NO
100	Qawali 5	8	YES	NO	NO	YES	NO	NO
101	Qawali 6	8	YES	NO	NO	YES	NO	NO
102	Qawali 7	4	NO	NO	NO	NO	NO	NO
103	Qawali 8	4	NO	NO	NO	NO	NO	NO
104	Qawali 9	6	NO	NO	NO	YES	NO	NO
105	Dadra 6	6	YES	NO	NO	YES	NO	NO
106	Dadra 7	12	YES	NO	NO	YES	NO	NO
107	Deepchandi 4	14	YES	NO	NO	YES	NO	NO
108	Programmable 1	11	NO	YES	NO	YES*	NO	YES
109	Programmable 2	24	NO	YES	NO	YES*	NO	YES
110	Programmable 3	20	NO	YES	NO	YES*	NO	YES
111	Programmable 4	6	NO	YES	NO	YES*	NO	YES
112	Programmable 5	20	NO	YES	NO	YES*	NO	YES

* will play fil-in if number of matras is greater than 4

NOTES