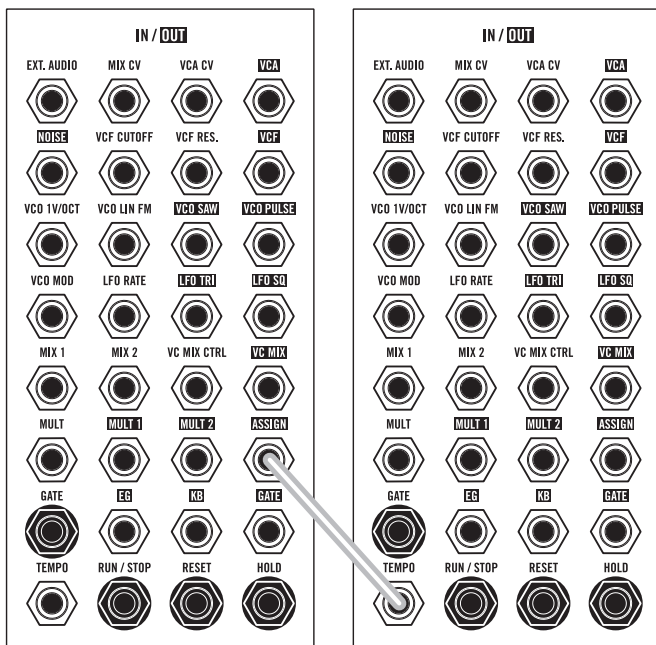# SYNCING TWO OR MORE MOTHER-32 ANALOG SYNTHESIZERS

There are a number of ways to synchronize multiple Mother-32 Analog Synthesizers for greater musical flexibility. This tutorial will walk you through the basics of synchronizing two or more units.

TWO UNITS

Select one Mother-32 to be the master clock and transport controller for all linked units.

Connect the **ASSIGN** output jack from the selected Mother-32 *(Master)*, to the **TEMPO** input jack of a second Mother-32.
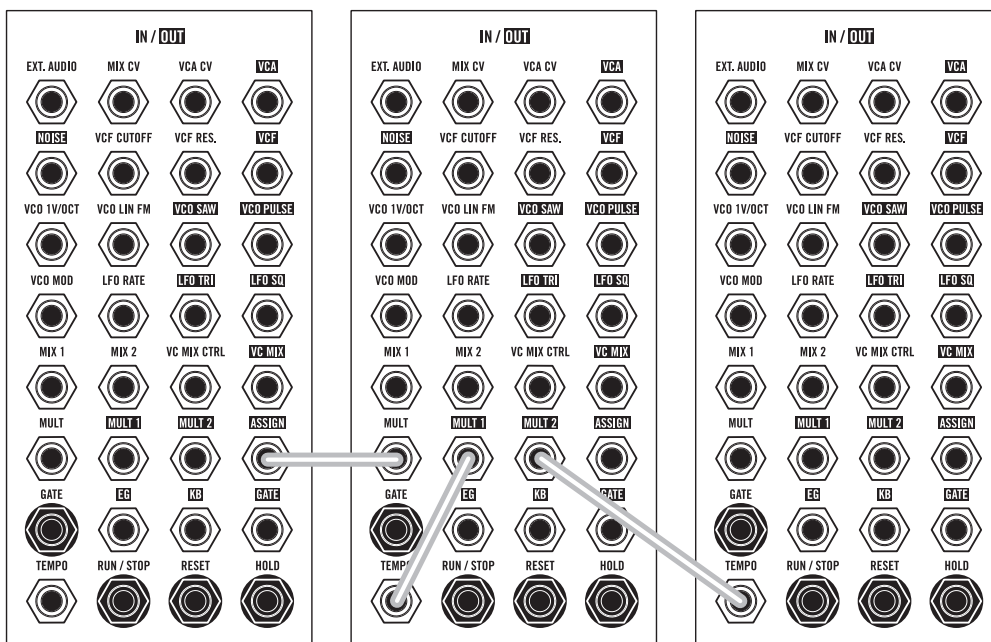

Master

THREE UNITS

Select one Mother-32 to be the master clock and transport controller for all linked units.
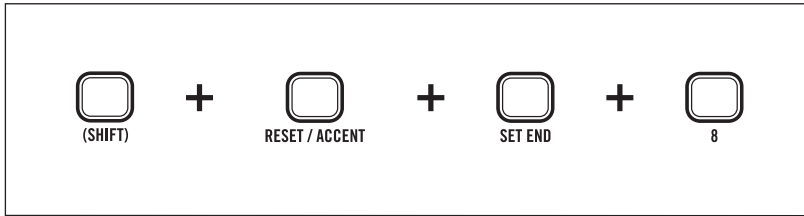
If you are syncing 3 or more units, you will need to patch the **ASSIGN** output jack into a **MULT** input. Then patch the **MULT 1** and **MULT 2** outputs to the **TEMPO** inputs on units two and three.
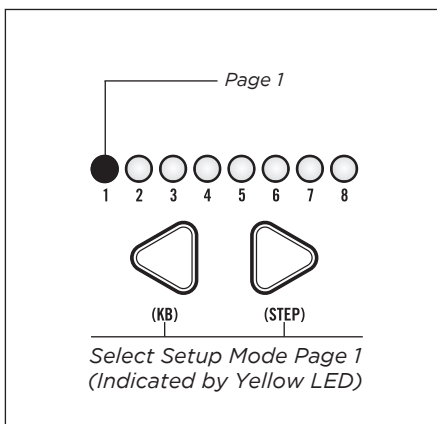

Master

NOTE: *Learn more about the Mult and Assignable output jacks on pages 43-44 of your Mother-32 manual.*
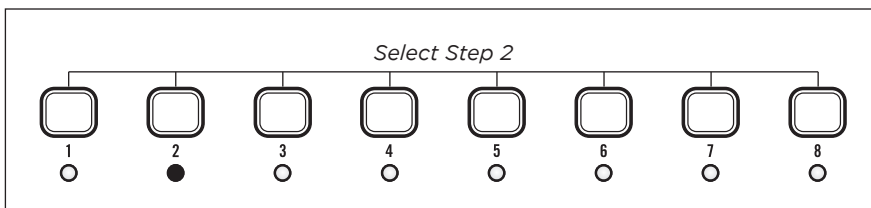
MASTER MOTHER-32 UNIT

1. Enter **SETUP MODE** on the first Mother-32 (*Master*) by pressing the **(SHIFT)**+**RESET**+**SET END**+**STEP 8** buttons.
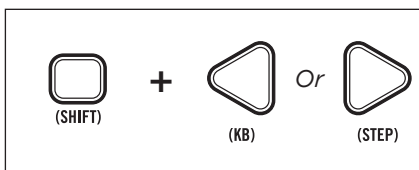
NOTE: *Learn more about Setup Mode on page 49 of your Mother-32 manual.*

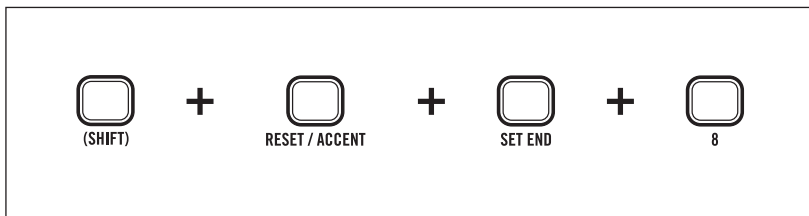**2.** Use the **(KB)/(STEP)** buttons to select **PAGE 1.**

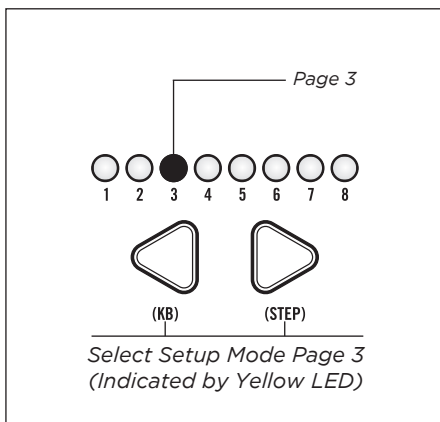**3.** Now press the **STEP 2** button to select **SEQUENCER CLOCK** as the Assignable output type.

4. Exit **SETUP MODE** by holding **(SHIFT)** and pressing the **(KB)** or **(STEP)** button.
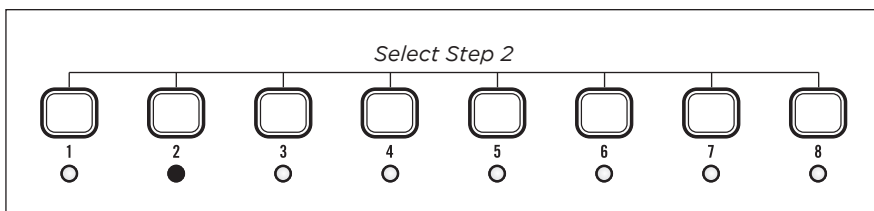
SECOND MOTHER-32 UNIT

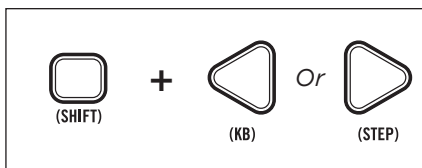***NOTE:*** *Repeat the following steps for each additional unit you wish to sync.*

5. Enter **SETUP MODE** on the second Mother-32 (*Non-Master*) by pressing the **(SHIFT)**+**RESET**+**SET END**+**STEP 8** buttons.
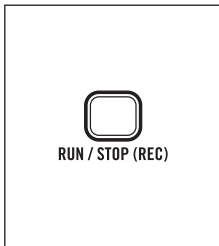

Page 3

Select Setup Mode Page 3
(Indicated by Yellow LED)

6. Use the **(KB)/(STEP)** buttons to select **PAGE 3.**

Select Step 2

7. Now press the **STEP 2** button to select **SINGLE CLOCK ADVANCE MODE** as the tempo input type.
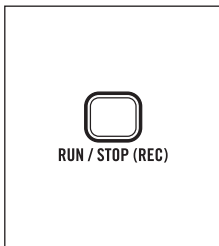

Or

8. Exit **SETUP MODE** by holding **(SHIFT)** and pressing the **(KB)** or **(STEP)** button.
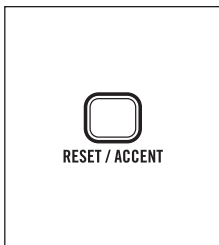
All Units

9. Press **RUN** on all connected Mother-32s.

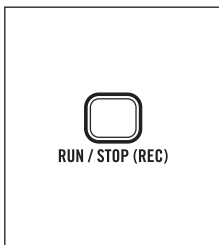**NOTE:** *They may sound out of sync.*

Master

10. Press **STOP** on the first Mother-32 (*Master*). This is now the Master **RUN/STOP** for all units.

All Units

11. Press **RESET** on all Mother-32s to return each sequencer to **STEP 1.**

Master

12. Press **RUN/STOP** on the first Mother-32 (*Master*) to start and stop all units simultaneously.