KABARAGOYA

SKY BRIDGE

QUICKSTART / FLIGHT MANUAL



FREE YOUR SYNTHS. CUT THE CABLES.

Four checks. Then make some noise.

1 MATCH YOUR RADIO

Use the correct regional band. **It's the law!** Match the antenna to the unit's band, too.

- **915 MHz / orange**
  North America · Australia · New Zealand · Israel
- **868 MHz / green · Europe (incl. UK)**

2 PLUG IN & POWER UP

Attach the matching antenna. Connect MIDI, then power via **USB** or a standard **9V centre-negative** barrel supply.

3 FIND YOUR CREW

Use the **same band, subnet and AES key** on every unit. Peers connect automatically; blue pulses become green. Up to **32 units** can join.

4 MAKE IT YOURS

The recessed **16-position rotary switch underneath** selects the subnet (default: **0**). For live shows, set your own AES key on the website; use it on every unit.

PATCH BAY

MIDI IN: 3.5mm TRS **Type A**, on the left side closest to the antenna.
MIDI OUT: 3.5mm TRS, switchable A/B.

OUT SWITCH	LEFT = A | RIGHT = B

USB has two roles. Connect to a computer and Sky Bridge is a USB MIDI device. Power Sky Bridge from 9V and connect a USB MIDI device (such as a MiniLab) to use host mode and supply power to it.

EVERY INPUT GETS THROUGH

RADIO	→	USB + TRS OUT
USB	→	RADIO + TRS OUT
TRS IN	→	RADIO + USB

Antenna options: stubby 2dBi included; articulated and giant long-range antennas sold separately. Larger options can improve range and reception through obstacles. **1km+ line-of-sight range;** walls and conditions affect results.

READ THE RUNWAY LIGHTS

WHITE	Starting up
BLUE / PULSE	Searching for peers
GREEN	Connected to a peer
CYAN	Clock master*
MAGENTA	Clock follower
RED	Hardware / boot error
ORANGE / FLASH	Website Identify button

MIDI traffic flashes the LED. Red? Connect to the update site to read the error. **Identify** flashes the selected unit orange.
*Cyan pulses if the clock master has no peers.

KEEP THE BAND IN TIME

A unit receiving **MIDI clock** becomes clock master (cyan); peers become followers (magenta). Radio timing-sync messages replace the MIDI clock stream.

If the master goes offline, peers **freewheel at the same tempo** until it returns or another master takes over. **5–511 BPM** supported; master mode rounds to whole BPM.

Active Sense is also intercepted and recreated locally.

UPDATES • CONFIGURATION • IDENTIFY

updates.kabaragoya.com

Antennas: kabaragoya.com/products/sky-bridge-antenna

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