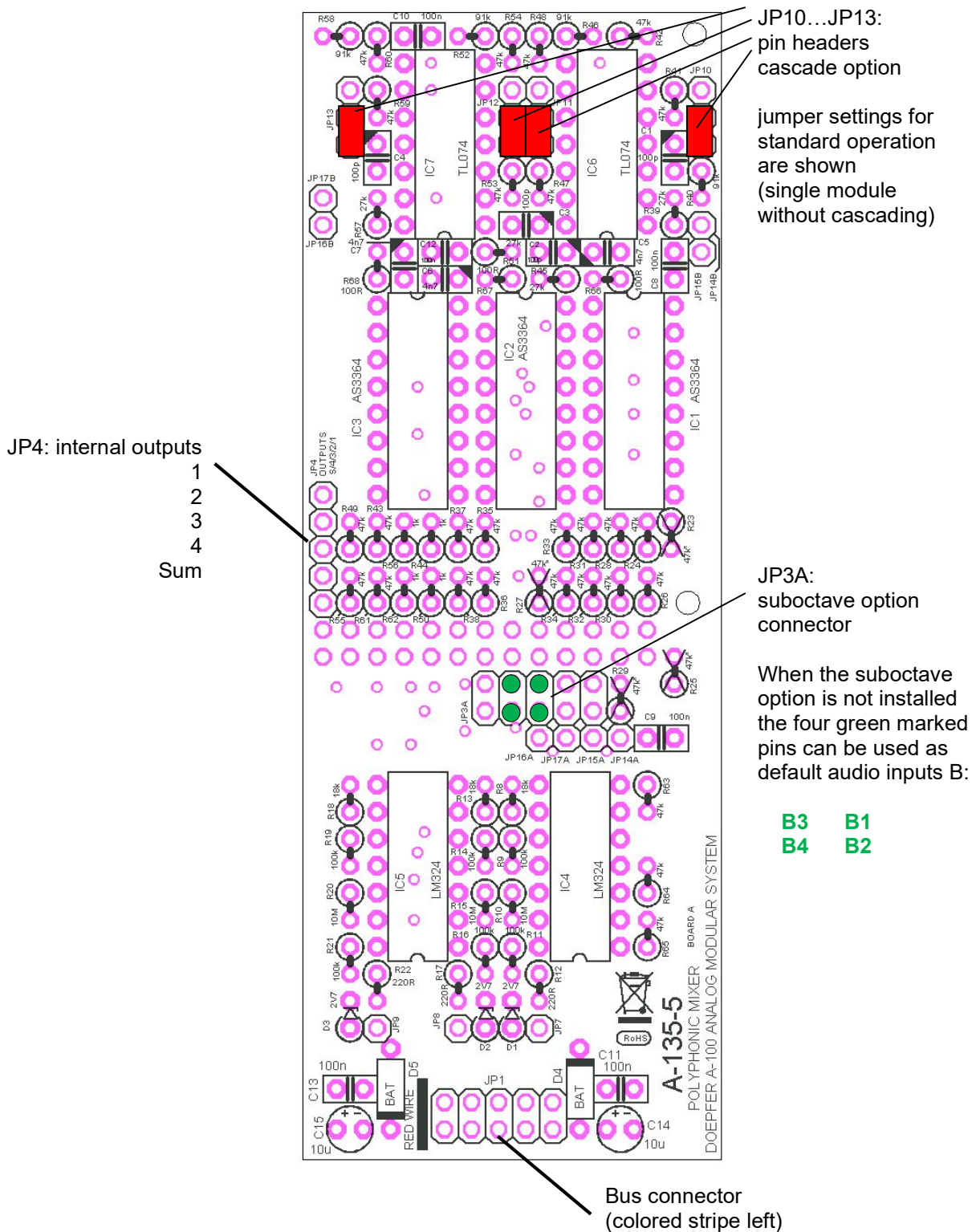


DOEPFER MUSIK ELEKTRONIK GMBH

ANALOG MODULAR SYSTEM A-100

A-135-5 Polyphonic Mixer

Position and function of the jumpers and connectors Board A



The pin headers JP10, JP11, JP12 and JP13 are used for the cascade option. The picture above shows the standard settings of the jumpers: one module without cascading.

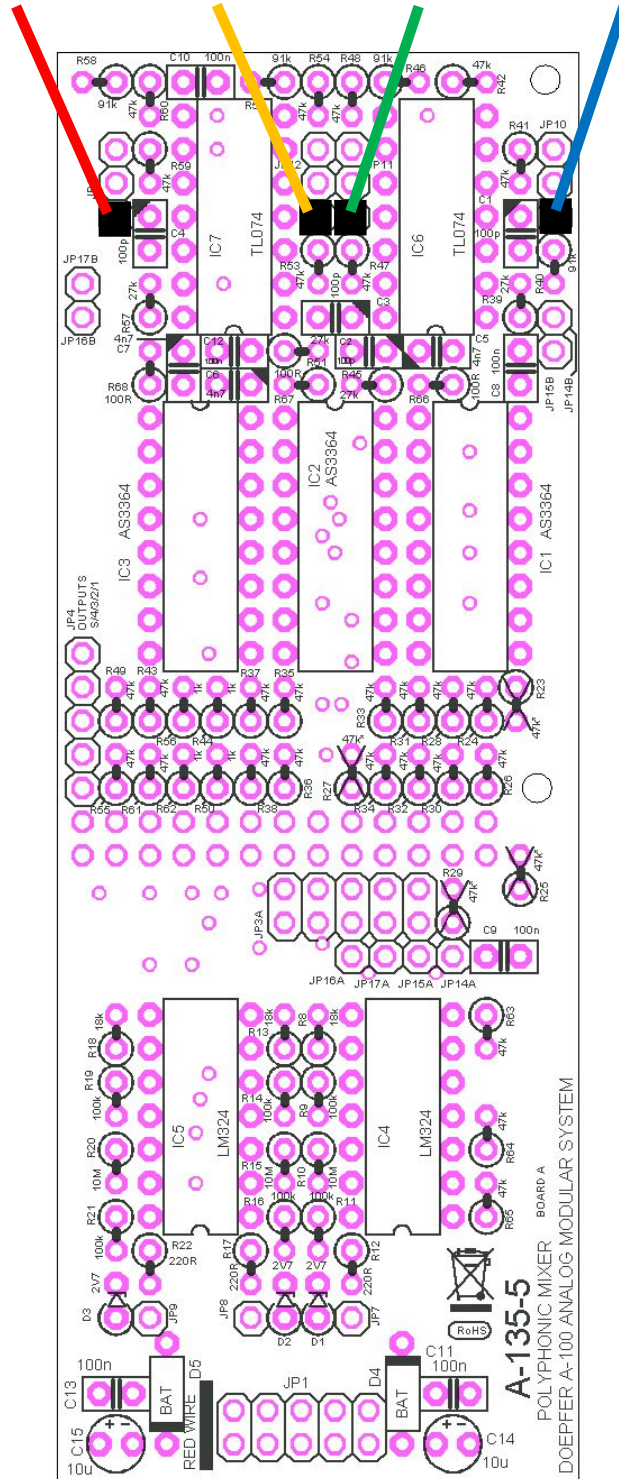
At JP4 the audio outputs are available. They can be used for internal wiring to other modules by means of single wire cables with female connectors on both sides (so-called Arduino cables, female-female type).

The crossed out resistors and the connectors JP14A/B, JP15A/B, JP16A/B and JP17A/B are used when the channels A should work as polarizers (e.g. when the module is used for control voltage summing). Please contact hardware@doepfer.de if you are interested in this option (soldering and electronic experience required).

The following sketch shows the settings for the **slave** module when two modules are cascaded. The colored lines correspond to single wire cables with female connectors on both sides (so-called Arduino cables, female-female type). These four cables are used to connect the slave module to the master module (see next page).

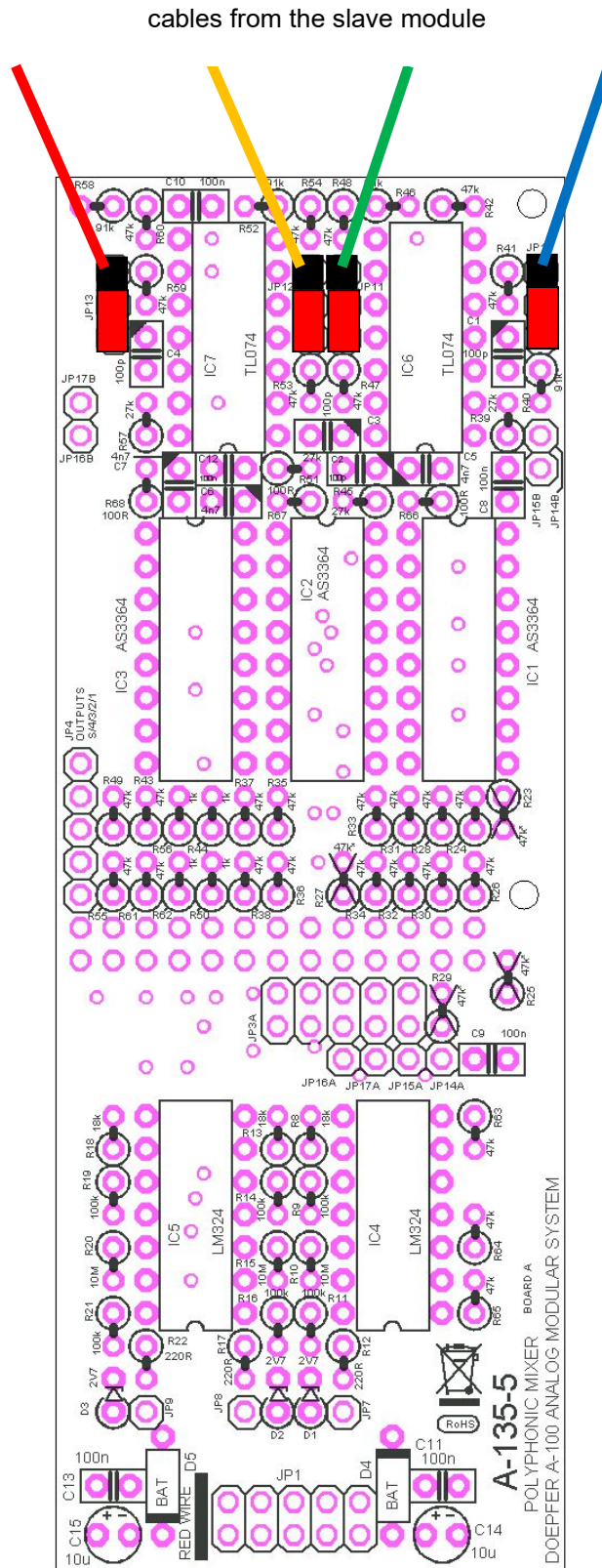
Note: the outputs of the slave module have no function. All signals are output only at the master module.

cables to the master module



The following sketch shows the settings for the **master** module when two modules are cascaded. The colored lines correspond to single wire cables with female connectors on both sides (so-called Arduino cables, female-female type). These four cables are used to connect the master module to the slave module (see previous page). The red rectangles indicate four jumpers.

Note: All signals (master and slave) appear only at the outputs of the master module.



Position and function of the connectors Board B

Note: For easier access to the angled pin headers board B may be removed from board A.

The angled pin headers of board B are planned for internal wiring to other modules by means of single wire cables with female connectors on both sides (so-called Arduino cables, female-female type).

