

PHONO-PREAMP

Instruction Manual

English

TANGO MkII

Dear Acoustic Signature customer, many thanks for your confidence into our product, the Phonoamp TANGO. With the purchase of your Tango you acquired a precision instrument for the playback of records. To make him sound perfect there is some attention necessary for setup and handling. The manufacturing of this product and the assembly takes place completely in Germany at the highest engineering standards - this still guarantees highest quality after years. Understandably you want to start immediately as possible with listening to music. We ask you however: Please read this guidance before the first use attentively, so that you can use the drive optimally. We tried to put all the necessary information into this manual. If you should have still questions, which are not answered here, then you contact us directly at www.acoustic-signature.com or with e-mail: info@acoustic-signature.com.

Your team of Acoustic-signature

Conformity Declaration

We acknowledge the fact that the device belongs to this instruction manual corresponds to valid EEC guidelines at the time of printing for the acquisition of the CE-Sign. All the necessary checks were made with positive result.

Warranty

Acoustic Signature manufacturer warranty. We commit ourselves to replace incorrect sections of this device free of charge if it should fail within the guarantee period. The warranty amounts to 2 years, counted starting from the purchase date. The manufacturer warranty going beyond the legal warranty duration of 12 months entitled Acoustic-Signature to make on his own decision exchange or repair of the defective sections. If a defect of your device occurs within the guarantee period, then you inform AS or your dealer under specification of the type of the problem. Damage, which take place via neglect of the operating instruction or via outside mechanical effects, as well as transport damages are not taken off by the warranty. Warranty is valid only for the first owner of the product. Sending the warranty card could be done by e-mail to info@acoustic-signature.com.

Use of the Tango

Your Tango has been built to be used in closed rooms. Please only use it in such rooms. Make sure that there is not water or humidity close to the product or power supply.

In any case of a damage or question please contact your importer or Acoustic Signature:

Use of Tango

Parts OF DELIVERY

1 Tango

2 power unit

3 operating manual

Use of the device

Connect your turntable with the input of the Tango marked INPUT. The red RCA plug is the right channel and white is left. Connect then the output Plugs of the Tango marked OUTPUT with your Amp or Preamp. Therefore you can use every High/level Input of your amp (Aux, Tuner, Tape...)

After that please connect the Power unit to the Tango and after that connect it to main Power

As delivered the Tango is configured as a MM-Preamp: 5mV input Voltage and 47Kohm resistance with 100pF capacity. This results in perfect sound with more than 95 % of all MM cartridges. **If you want to change something please always turn volume at your amp to zero before switching the Tango.**

Changes for MM-cartridges:

MM-cartridges change their sound by changing the value of the input capacitor of the Tango. At the back panel of the Tango there are 8 switches per channel to adjust the Tango to meet your needs. Changes must be done for both channel left and right at the same time! Detail adjustments please see chart:

The left of the DIP-switches must be in up position. Up is ON down is OFF.

SWITCH No:	ON/UP	OFF/DOWN
DIP 1	MM	MC
DIP 2	50 pF	-
DIP 3	100 pF	-
DIP 4	200 pF	-
DIP 5	47 kOhm	-
DIP 6	1 KOhm	-

DIP 7	100 Ohm	-
DIP 8	10 Ohm	-

Additional to DIP 1 also DIP 5 must be On. He switches in the necessary input resistor with. With switching DIP 2-4 you can adjust different capacitors to make the Tango fit perfect to your cartridge. For example you want 200pF then switch DIP 4 to on. Details see chart:

	DIP 2	DIP 3	DIP 4
50 pF	ON	OFF	OFF
100 pF	OFF	ON	OFF
150 pF	ON	ON	OFF
200 pF	OFF	OFF	ON
250 pF	ON	OFF	ON
300 pF	OFF	ON	ON
350 pF	ON	ON	ON

Caution: DIP 5 must be always on for MM

MC cartridges

The adjustment is done by changing the input resistor. For normal MC's this is the best position.

DIP 7 ON All others OFF

With this most of the MC's play perfect. Other values for the resistor could be choosen. Please see chart:

	DIP 6	DIP 7	DIP 8
1kOhm	ON	OFF	OFF
100 Ohm	OFF	ON	OFF
10 Ohm	Off	OFF	ON

If you need special values please contact us by e-mail.

© Acoustic-Signature
AS-Distribution Otto Hanak
Poststr. 69
D-73054 Eisingen/Germany
Tel: +49 7161 987842
Fax: +49 0321-21038554
www.acoustic-signature.com
E-Mail: info@as-distribution.de