

The sound unit



Lip control mechanism

The lip control mechanism can be used to influence the sound during playing: the flexible block construction can be altered using lip pressure which correspondingly changes the size of the windway entrance. This highly sensitive device enables the player not only to influence the sound quality but also the volume of every tone to the highest degree.

Changeable windway platelets

The changeable windway platelets are made from different woods and Synpor® that the player selects and inserts to form the windway roof and that are fixed in place with a brace. The different structures of the various materials lead to interesting variations in sound quality.

The sound unit

The sound unit is the upper detachable part of the head joint consisting of **four parts**: lip-control mechanism, changeable windway platelets, adjustable block and adjustable windway roof.

Adjustable block

(patented by R. Strathmann)

A knurled-head screw at the back of the head joint allows for adjustment of the windway exit by slightly lowering or raising the block at this point. This makes it possible to obtain special variations in sound as a direct result of alterations to the size of the windway exit.

Adjustable windway roof

The windway roof consists of a plate within the sound unit that can be adjusted by two screws at the rear of the head joint. This changes the vertical distance between the windway roof and the labium – an area of extensive experimentation with sound.