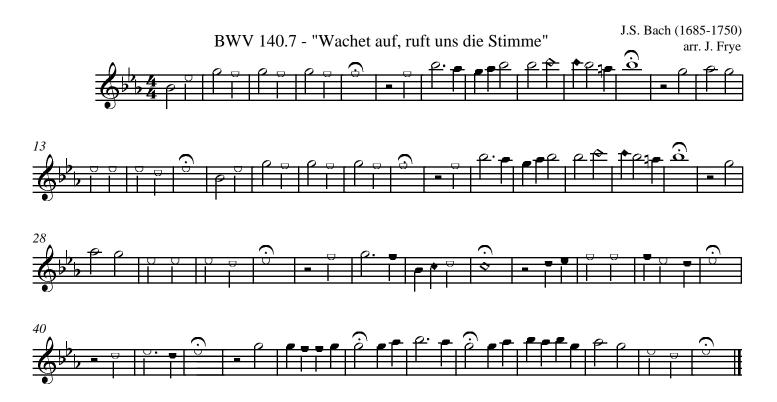




To Raise Pitch on Flat Notes - Play with a Higher, Faster Airstream. "Roll Out" the headjoint. To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

Embouchure - Think "WHEE-TOO." Keep your face relaxed and flexible.



"Expected Intonation"

Adapted from *Bandworld* Magazine August-October 1992, Pages 22-28







To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

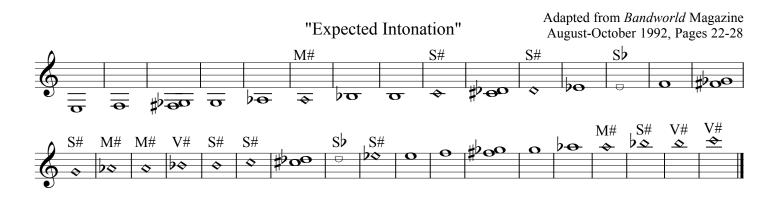
Embouchure - Keep an open space in the mouth. Think "Hot mashed potatoes." Lips together, teeth apart.

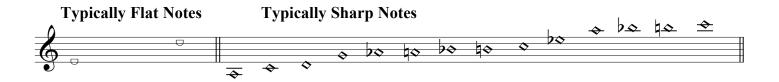








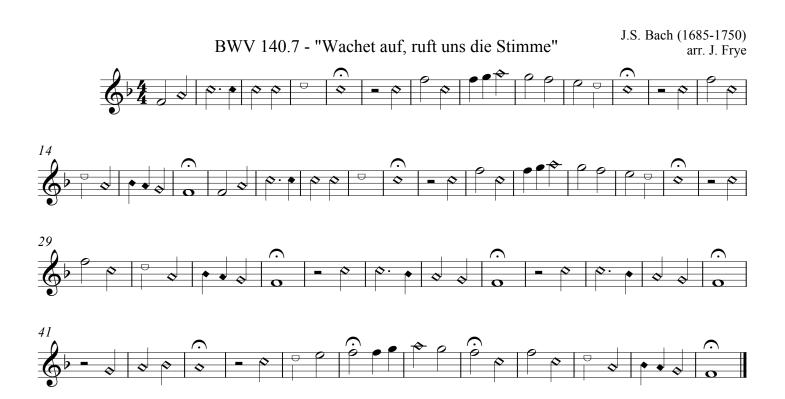


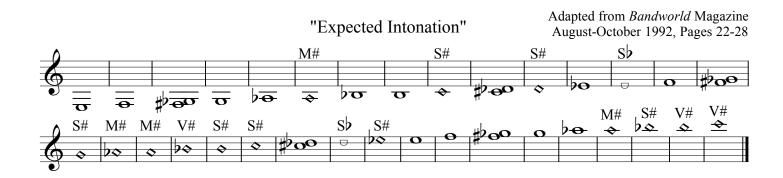


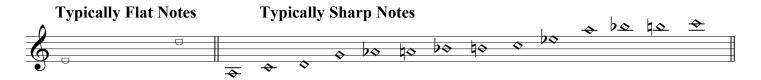
To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn). Bring corners of the mouth down and flatten the chin.

Embouchure - Keep a Flat Chin. Teeth should touch the top of the Mouthpiece.



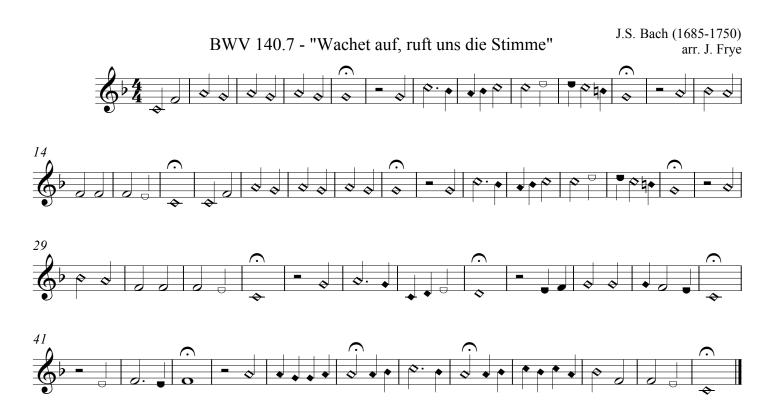


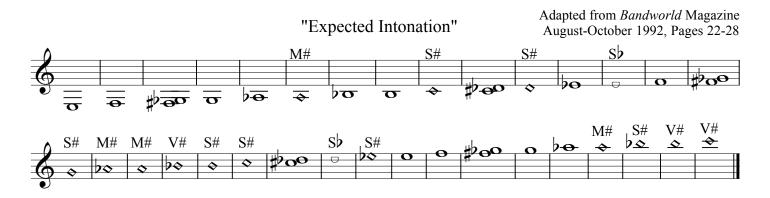


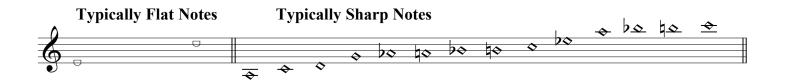
To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn). Bring corners of the mouth down and flatten the chin.

Embouchure - Keep a Flat Chin. Teeth should touch the top of the Mouthpiece.



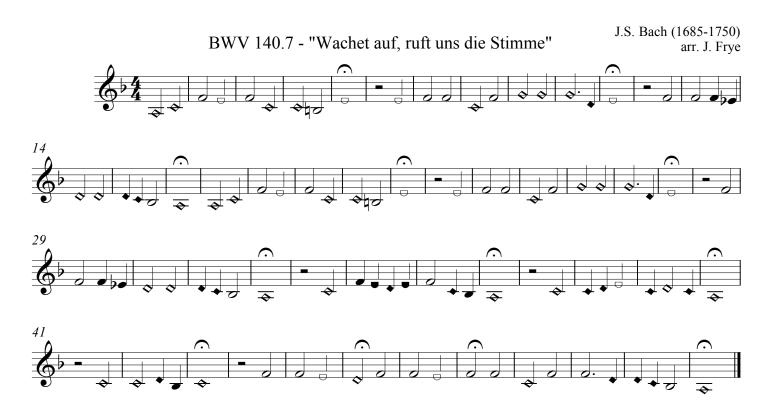


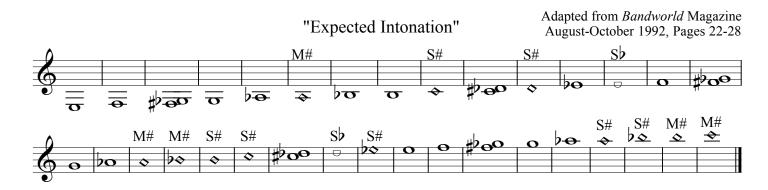


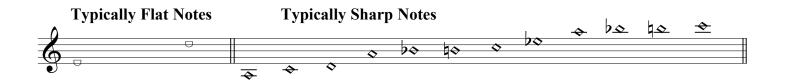
To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn). Bring corners of the mouth down and flatten the chin.

Embouchure - Keep a Flat Chin. Teeth should touch the top of the Mouthpiece.



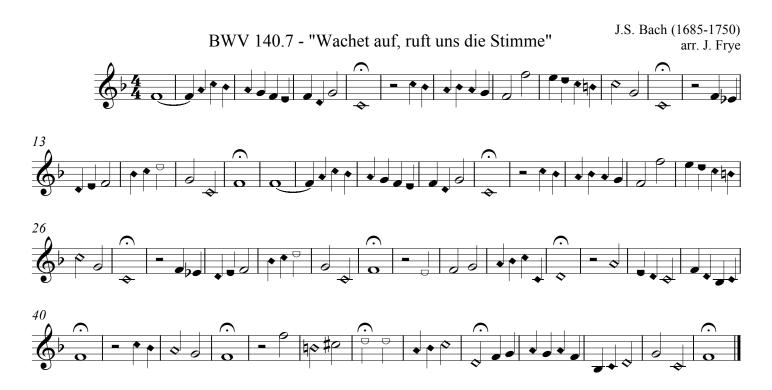


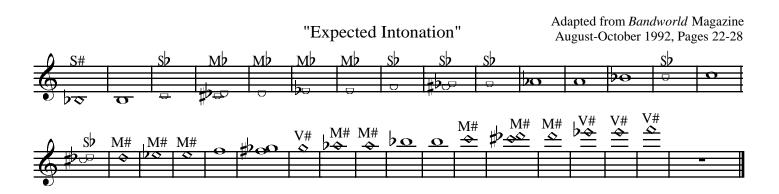


To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn). Bring corners of the mouth down and flatten the chin.

Embouchure - Keep a Flat Chin. Teeth should touch the top of the Mouthpiece.





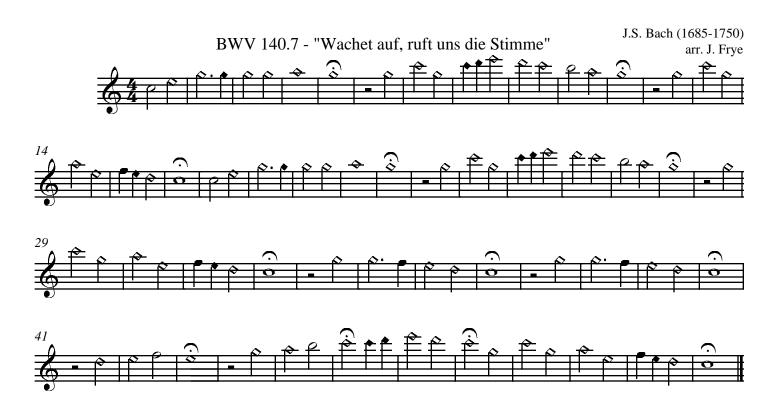


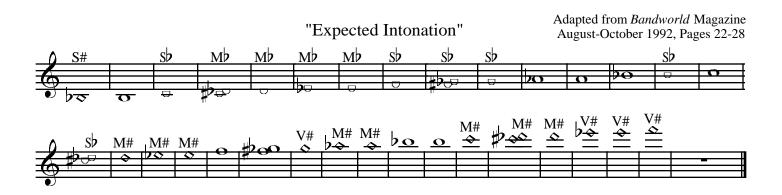
To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

Bring corners of the mouth down and flatten the chin.

Embouchure - Teeth should touch the top of the Mouthpiece.







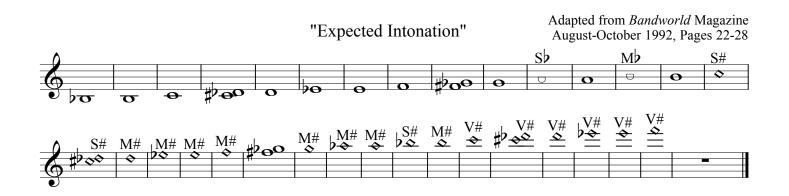
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Bring corners of the mouth down and flatten the chin.

Embouchure - Teeth should touch the top of the Mouthpiece.





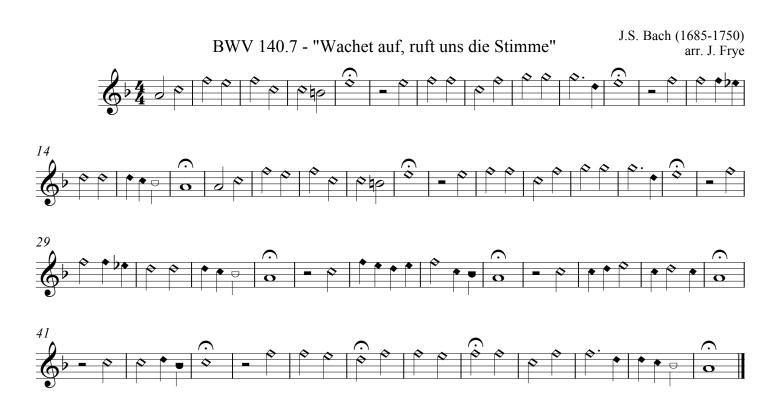


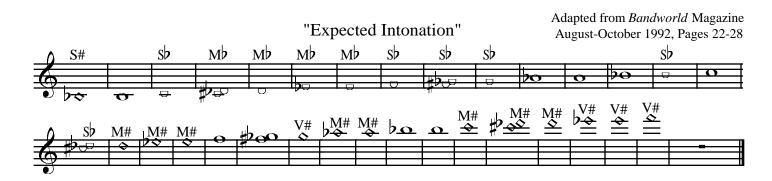
To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

Bring corners of the mouth down and flatten the chin.

Embouchure - Teeth should touch the top of the Mouthpiece.





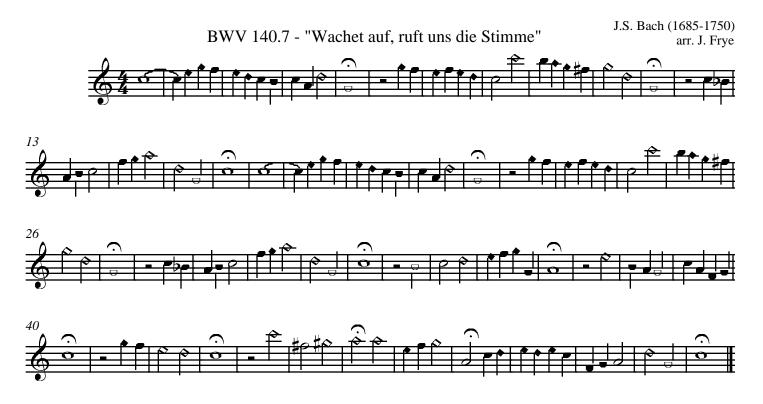


To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air.

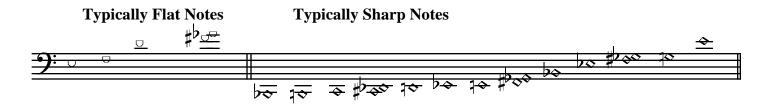
To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

Bring corners of the mouth down and flatten the chin.

Embouchure - Teeth should touch the top of the Mouthpiece.



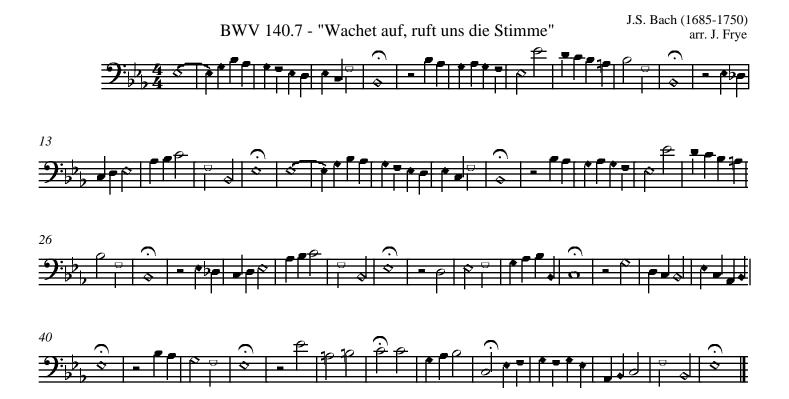


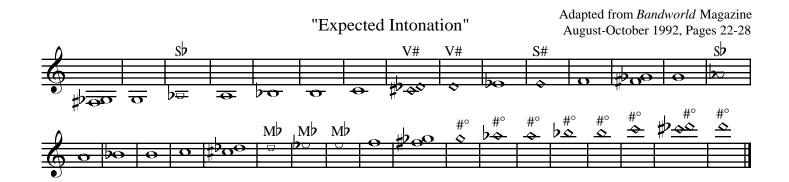


To Raise Pitch on Flat Notes - Firm-Up embouchure, Raise Jaw, use Faster Air. To Lower Pitch on Sharp Notes - Open up inside the mouth (like a yawn).

Embouchure - "Overbite." Keep an open space in the mouth. Think "Hot mashed potatoes."

Hands - Slide the Thumbs, don't lift them. Curve fingers as if you are holding a ball.

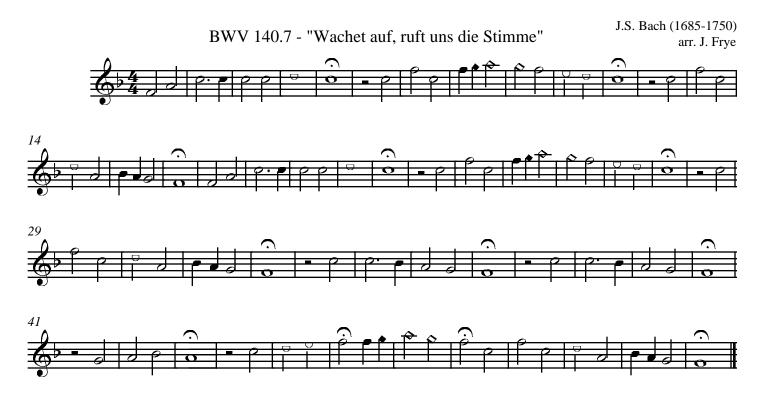


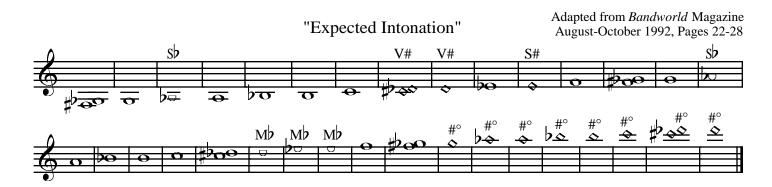




To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn). Extend the third valve slide on low C# and D.

Embouchure - Corners in, chin flat.





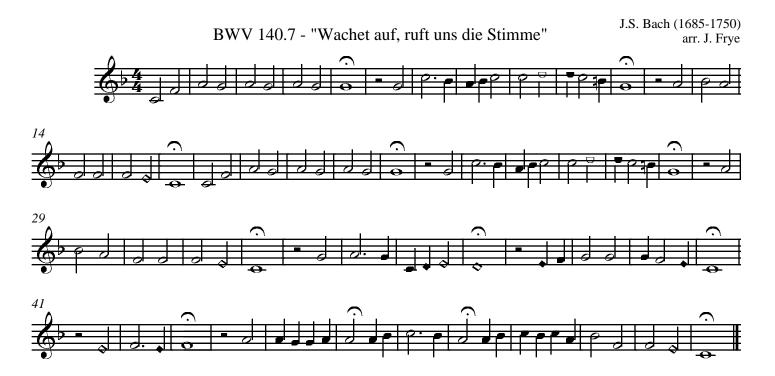


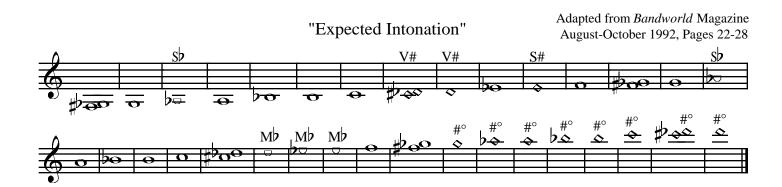
To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air.

To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn).

Extend the third valve slide on low C# and D.

Embouchure - Corners in, chin flat.

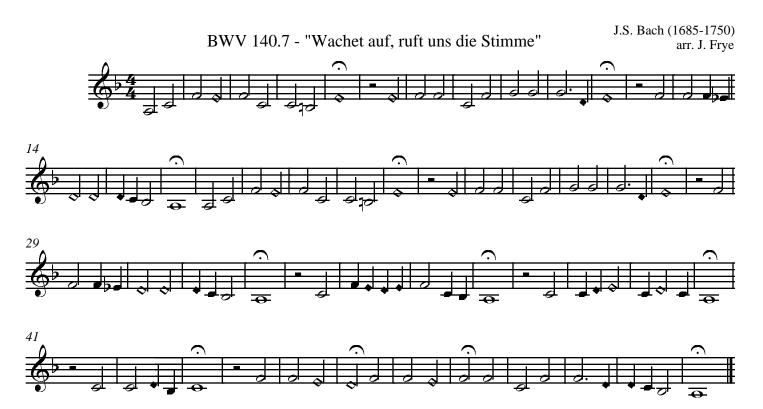






To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn). Extend the third valve slide on low C# and D.

Embouchure - Corners in, chin flat.







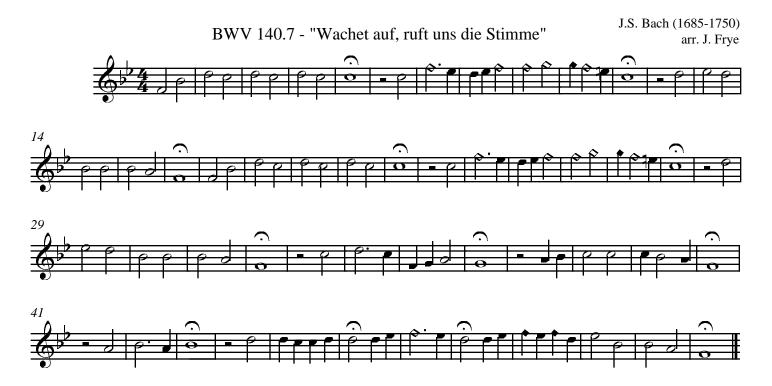
To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air.

Open bell more with right hand.

To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn). Close bell more with right hand.

Embouchure - Corners in, chin flat. 2/3 upper lip, 1/3 lower lip.

Hands - Right Hand in the bell to control tone and pitch. Left hand fingers curved like holding a ball.







To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air.

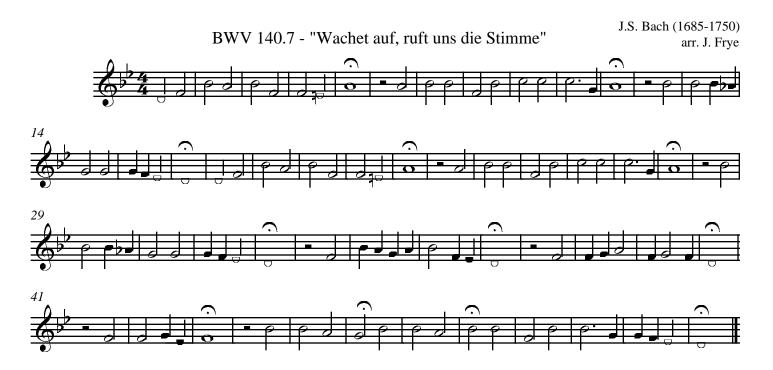
Open bell more with right hand.

To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn).

Close bell more with right hand.

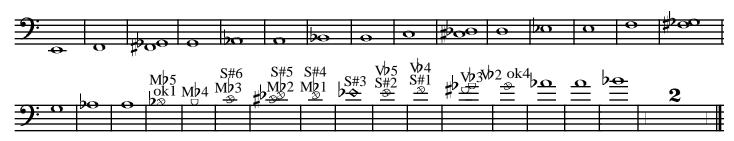
Embouchure - Corners in, chin flat. 2/3 upper lip, 1/3 lower lip.

Hands - Right Hand in the bell to control tone and pitch. Left hand fingers curved like holding a ball.





Adapted from *Bandworld* Magazine August-October 1992, Pages 22-28

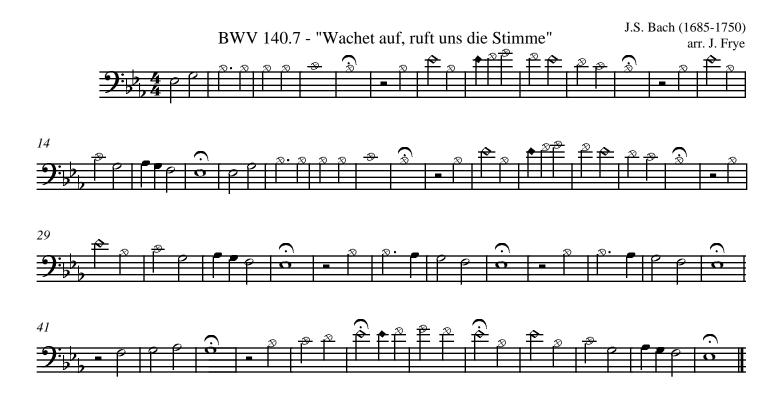




To Raise Pitch on Flat Notes - Bring Slide IN. Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Move Slide OUT. Lower the tongue and open up inside the mouth (like a yawn).

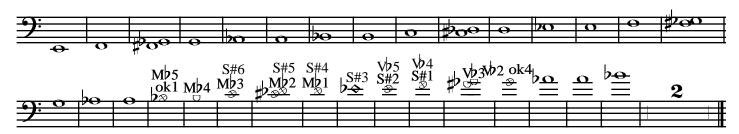
Embouchure - Corners in, chin flat.

Hands - Keep the Slide wrist flexible and relaxed.



"Expected Intonation"

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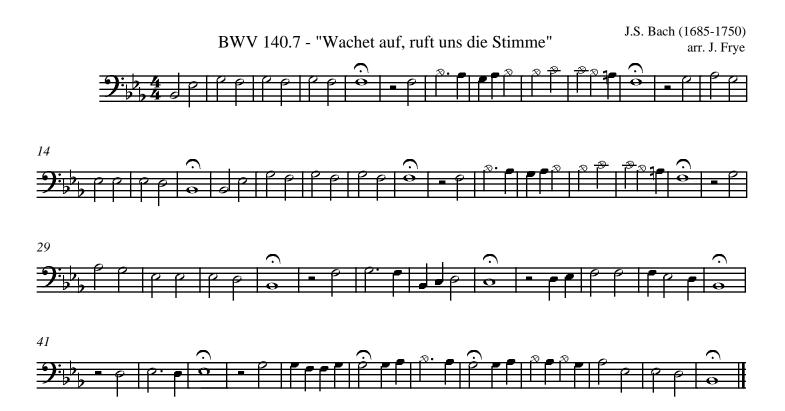




To Raise Pitch on Flat Notes - Bring Slide IN. Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Move Slide OUT. Lower the tongue and open up inside the mouth (like a yawn).

Embouchure - Corners in, chin flat.

Hands - Keep the Slide wrist flexible and relaxed.



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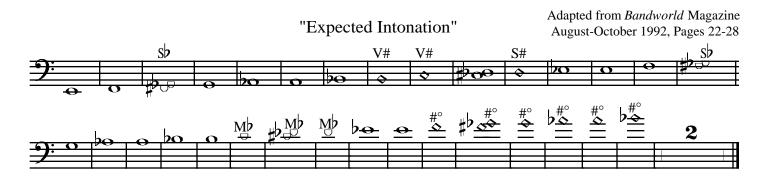


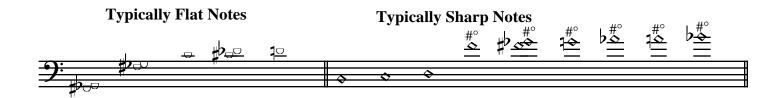
To Raise Pitch on Flat Notes - Bring Slide IN. Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Move Slide OUT. Lower the tongue and open up inside the mouth (like a yawn).

Embouchure - Corners in, chin flat.

Hands - Keep the Slide wrist flexible and relaxed.

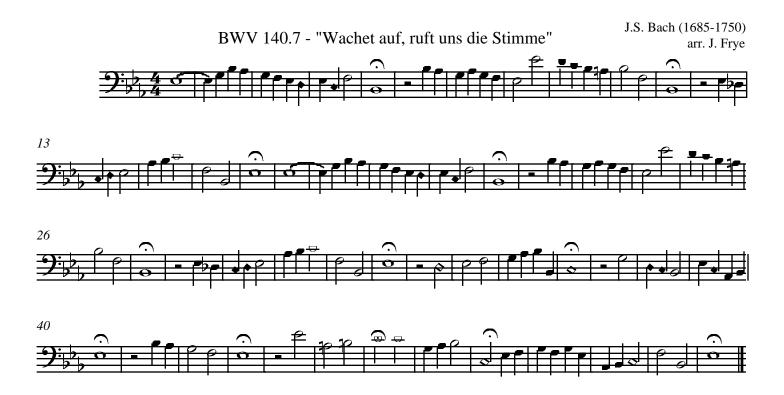






To Raise Pitch on Flat Notes - Raise the tongue, make more of an "EEE" shape, use Faster Air. To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn).

Embouchure - Corners in, chin flat.





Typically Flat Notes

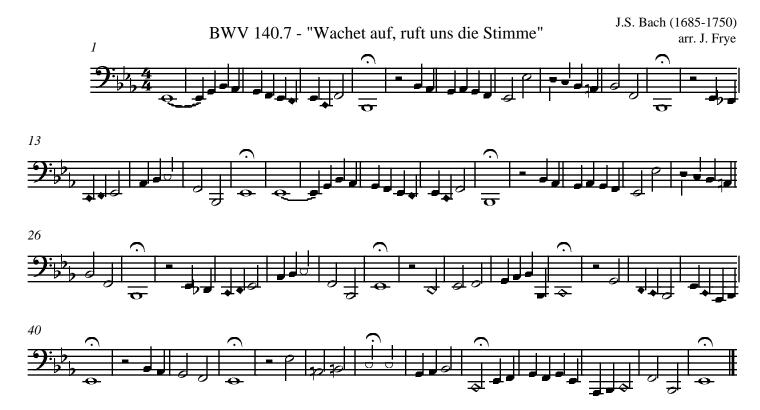
Typically Sharp Notes



To Raise Pitch on Flat Notes - Raise the tongue, use Faster Air.

To Lower Pitch on Sharp Notes - Lower the tongue and open up inside the mouth (like a yawn).

Embouchure - Corners in, chin flat.



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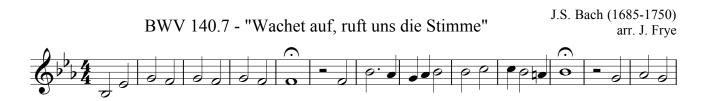




Strike the bars in the center. Take care to never strike over the string (nodes). For faster passages, Sharps and Flats may be played on the end of the bar.

Stand with feet shoulder-width apart.

Keep a relaxed, flexible grip on the mallets.









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Typically Flat Notes

Typically Sharp Notes



Maintain a good forked hand position in the left hand.

Blend with the low brass and wodwinds.

