

# **FACTS ABOUT THE OLDS P-24G BASS TROMBONE (With Optional E<sup>b</sup>/D Tuning Slide)**



The Olds P-24G Bass Trombone, an "in-line" mounted/double rotor bass trombone, with an optional E<sup>b</sup>/D tuning slide offers increased facility as well as giving a greater choice of alternate positions in order to virtually eliminate all long and awkward slide movements.

"In-line" mounting means that the two valves, in addition to operating together, can also operate independently!!! The first valve, operated by the thumb, remains pitched in F; the second valve, operated by the middle finger, is pitched in G. When both valves are depressed they become pitched in E<sup>b</sup>. This means that the P-24G can be played in the open horn pitch of B<sup>b</sup> or in F or in G or in E<sup>b</sup> (both valves depressed).

Slide Position Chart for P-24G in relation to the seven positions of the B<sup>b</sup> instrument.

	1	2	3	4	5	6	7
B <sup>b</sup>	B <sup>b</sup> (1st position)	B <sup>b</sup> (2nd position)	B <sup>b</sup> (3rd position)	B <sup>b</sup> (4th position)	B <sup>b</sup> (5th position)	B <sup>b</sup> (6th position)	B <sup>b</sup> (7th position)
F	F (1st position)	F (2nd position)	F (3rd position)	F (4th position)	F (5th position)	F (6th position)	F (7th position)
G	G (1st position)	G (2nd position)	G (3rd position)	G (4th position)	G (5th position)	G (6th position)	G (7th position)
E <sup>b</sup> (F+G)	E <sup>b</sup> (1st position)	E <sup>b</sup> (2nd position)	E <sup>b</sup> (3rd position)	E <sup>b</sup> (4th position)	E <sup>b</sup> (5th position)	E <sup>b</sup> (6th position)	E <sup>b</sup> (7th position)

An optional tuning slide, pitched in E<sup>b</sup>—with a D pull, is available for use with the Olds P-24G. By taking out the G slide and inserting the E<sup>b</sup>/D pull slide you will find that the first valve remains pitched in F; the second valve is now pitched in E<sup>b</sup> and when both valves are depressed they become pitched in C.

Slide Position Chart using the E<sup>b</sup>/D pull tuning slide:

The chart displays seven slide positions across four staves. The staves are labeled on the left as follows:

- Staff 1: B<sup>b</sup> (B-flat)
- Staff 2: F (F)
- Staff 3: A<sup>b</sup> (A-flat)
- Staff 4: C: (F+E<sup>b</sup>) (C: (F+E-flat))

The positions are numbered 1 through 7 at the top of each vertical line. The notes and accidentals on the staves are as follows:

- Position 1:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 2:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 3:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 4:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 5:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 6:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.
- Position 7:** Staff 1: B<sup>b</sup>, A<sup>b</sup>; Staff 2: F, E; Staff 3: A<sup>b</sup>, G<sup>b</sup>; Staff 4: C, B<sup>b</sup>.

By “pulling” the E<sup>b</sup> slide, stop-rod attached to the slide, you will now find that the first valve remains pitched in F; the second valve is now pitched in D and when both valves are depressed they become pitched in B.

Slide Position Chart using the E<sup>b</sup> slide with the D pulled:

The chart displays seven slide positions, numbered 1 through 7, across four musical staves. Each staff represents a different instrument or valve combination:

- Staff 1 (B<sup>b</sup>):** Shows the pitch of the first valve (F) and the second valve (D) for each position. Position 1 has F (flat) and D (flat). Position 2 has F (sharp) and D (flat). Position 3 has F (flat) and D (flat). Position 4 has F (flat) and D (flat). Position 5 has F (flat) and D (flat). Position 6 has F (flat) and D (flat). Position 7 has F (sharp) and D (flat).
- Staff 2 (F):** Shows the pitch of the first valve (F) and the second valve (D) for each position. Position 1 has F (flat) and D (flat). Position 2 has F (sharp) and D (flat). Position 3 has F (flat) and D (flat). Position 4 has F (flat) and D (flat). Position 5 has F (flat) and D (flat). Position 6 has F (flat) and D (flat). Position 7 has F (sharp) and D (flat).
- Staff 3 (D):** Shows the pitch of the first valve (F) and the second valve (D) for each position. Position 1 has F (flat) and D (flat). Position 2 has F (sharp) and D (flat). Position 3 has F (flat) and D (flat). Position 4 has F (flat) and D (flat). Position 5 has F (flat) and D (flat). Position 6 has F (flat) and D (flat). Position 7 has F (sharp) and D (flat).
- Staff 4 (B:(F+D)):** Shows the pitch of the first valve (F) and the second valve (D) for each position. Position 1 has F (flat) and D (flat). Position 2 has F (sharp) and D (flat). Position 3 has F (flat) and D (flat). Position 4 has F (flat) and D (flat). Position 5 has F (flat) and D (flat). Position 6 has F (flat) and D (flat). Position 7 has F (sharp) and D (flat).

The following examples are various scale-line passages, with some suggested slide positions, using the P-24G or P-24G with the E<sup>b</sup>/D pull tuning slide. Notes without any markings indicated means you will probably want to use the B<sup>b</sup> (open horn) positions. Keep referring to the appropriate Slide Position Chart until you are familiar with the many slide position possibilities. The markings indicate which valves to use and the position number nearest to the B<sup>b</sup> (open horn).

### EXAMPLE 1: P-24G

FV = F valve  
 GV = G valve  
 VV = Both valves

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FV1 GV1 VV1      GV1 FV1      FV1 GV2 VV1      GV1

GV1 FV2 FV1 GV1      FV1 GV1      FV1 GV1

VV1 FV1 GV1      FV1 GV1      VV2 FV2 GV2 GV1      FV2 GV2 GV1

VV4 VV1 FV1 GV2      FV1 GV2      VV6 VV2 FV2 FV1      GV1 FV2 FV1

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## EXAMPLE 2: P-24G using E<sup>b</sup>/D pull tuning slide

FV = F valve  
 E<sup>b</sup>V = E<sup>b</sup> valve  
 VV = Both valves

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Handwritten musical notation for P-24G with pull tuning slide. The notation is organized into four staves, each containing two measures of music. The key signature is one flat (B-flat), and the time signature is 4/2. The notation includes various note values (quarter, eighth, and half notes) and rests. Above the notes are valve indicators: FV (F valve), E<sup>b</sup>V (E-flat valve), and VV (Both valves).

Staff 1: E<sup>b</sup>V1 FV1 VV1 | FV1 | E<sup>b</sup>V2 FV2 | FV2

Staff 2: E<sup>b</sup>V1 E<sup>b</sup>V1 FV1 | FV1 | VV1 E<sup>b</sup>V2 FV2 FV1 | FV2 FV1

Staff 3: VV3 E<sup>b</sup>V4 E<sup>b</sup>V1 FV2 | FV2 | VV3 VV1 E<sup>b</sup>V2 E<sup>b</sup>V1 | FV1

Staff 4: VV3 E<sup>b</sup>V4 E<sup>b</sup>V2 | FV2 | VV3 VV1 E<sup>b</sup>V4 E<sup>b</sup>V1 FV1

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# EXAMPLE 3: P-24G with E<sup>b</sup> slide using the D pull

FV = F valve  
 DV = D valve  
 VV = Both valves

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The musical notation consists of four staves, each in 4/2 time. The notes are written on a five-line staff with a treble clef. The notes are quarter notes with stems and flags. The notation is annotated with valve and slide instructions above and below the notes.

Staff 1 (Treble clef):  
 Measure 1: DVI FV2, FV2  
 Measure 2: DV2 FV3 FV1, FV3 FV1 DV2

Staff 2 (Treble clef):  
 Measure 1: DV4 DV1 FV2 FV1, FV2 FV1  
 Measure 2: VV1 DV2 FV3 FV2, FV2

Staff 3 (Treble clef):  
 Measure 1: VV3 DV4 DV1 FV3 FV1, VV1 DV2 DV1  
 Measure 2: FV2 VV1

Staff 4 (Treble clef):  
 Measure 1: VV3 DV4 DV2 FV3 FV1, VV3 DV3 DV4  
 Measure 2: DV1 FV2

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Of course there are other possible tunings for the double valve bass trombone—do some experimenting—and other possible slide position/valve combinations—again, do some experimenting.

As you progress with your Olds P-24G Bass Trombone you'll find this an exciting new aspect of Bass Trombone playing.

# OLDS BAND INSTRUMENTS

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For answers to any questions pertaining to your Olds P-24G Bass Trombone—write:

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Another Quality Product from Norlin  
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The logo for Norlin, featuring the word "Norlin" in a stylized font inside an oval shape, with a small trademark symbol (TM) to the right.