

THE OLDS
ULTRATONE BUGLE

F. E. OLDS & SON, INC., 7373 No. Cicero Ave., Lincolnwood, Illinois 60646

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To assure a bugle that satisfied the demands of the modern drum and bugle corps in all ways, Olds designers took prototype instruments to leading corps throughout the country for actual "in-competition" testing. Among these corps were the Cavaliers of Chicago, the Casper Wyoming Troopers and the Velvet Knights of Buena Park, California. By the constant comparison, evaluation and improvements suggested by the nations leading bugle instructors, the Ultratone is today the finest bugle available anywhere in the world . . . designed and produced to exacting standards by F. E. Olds and Sons, Manufacturers of artists quality brass instruments for over 60 years.



The Cavaliers of Chicago, the most winning junior drum and bugle corps of all-time. Among their extensive and impressive list of victories are nine national championships, one International championship and the World Open Championship. The Cavalier bugle section is equipped with Olds Ultratone Bugles.

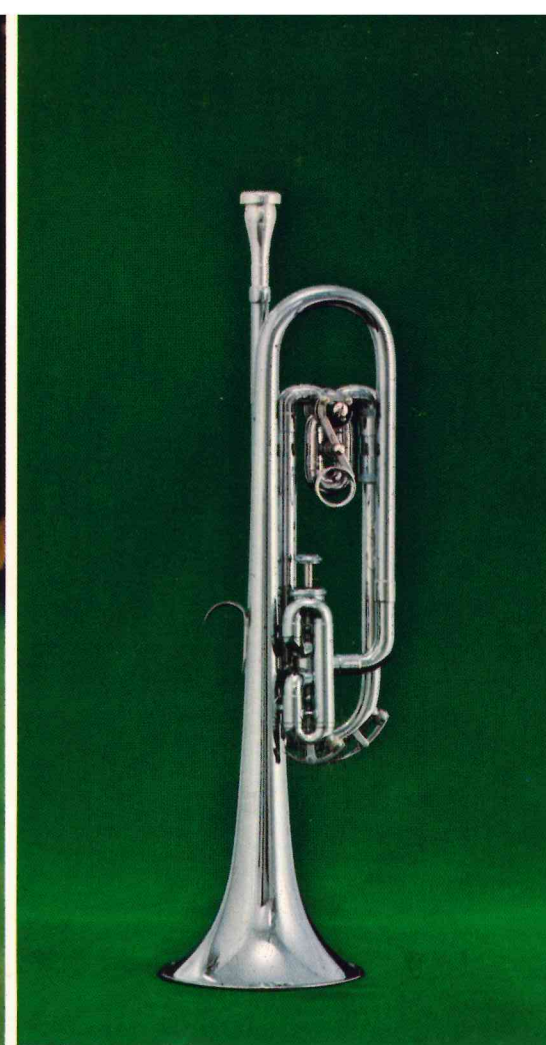


INTRODUCTION TO THE OLDS G-F ULTRATONE BUGLE

Until recently all bugles made for the drum and bugle corps were pitched G-D. That is, the basic key of the instrument was G, while activating the piston valve changed it to that of D, a full fifth away in scale position. This left an instrument with inherent pitch problems and one that also omitted many desirable notes in the lower register (Low A's, F's, F#'s, etc.)

Olds was the first manufacturer to offer the G-F bugle exclusively. Because the F scale lays only one step away from G, pitch quality is vastly improved and notes long desirable are now available so fuller, more musical arrangements can be written.

Though Olds Ultratone bugles are available only in G-F, they are compatible with older G-D models so a gradual change over to the G-F horn is possible. For the best results however, a complete section of G-F bugles is recommended.



 **ULTRATONE SOPRANO BUGLE**

Equipped with the special spring loaded Slide Adjustor, this bugle is designed to aid the lead soprano player. The slide adjustor is to correct the inherent pitch problem of the High Ab.

Extra care has been taken to assure full and brilliant response throughout the entire range of this instrument, with special attention to the fullness of tone above High "C".

This bugle is carefully balanced for ease of handling in both playing and carrying positions and is finished in hard chrome plate for lasting beauty. Special bracing has been placed at stress points to provide years of trouble free service.

Specifications

Model: BU-01 Soprano Bugle
Key: G-F/F# Rotary with Slide adjustor
Weight: 1 lb. 13 oz.
Length: 18"
Valve Bore: .468
Bell Size: 5"
 equipped with hard shell case, mouthpiece and accessories



 **ULTRATONE MELLOPHONE BUGLE**

This Mellophone bugle provides one of the most colorful and dramatic timbres of the entire bugle choir. It can be orchestrated to deliver a very lush, velvety sound or can be used to deliver great bursts of fiery excitement.

Olds has taken great care to design a Mellophone with superior intonation and response that will provide a full, dark alto voice throughout the entire dynamic range.

The Mellophone is well balanced for ease of handling and is hard chrome plated to provide for lasting beauty. Special bracing has been placed at stress points for years of trouble free service.

Specifications

Model: BU-06 Mellophone Bugle
Key: G-F/F# Rotary with Slide adjustor
Weight: 2 lbs. 12 oz.
Length: 18"
Valve Bore: .468
Bell Size: 10 1/2"
 equipped with hard shell case, mouthpiece and accessories



 **ULTRATONE FRENCH HORN BUGLE**

The Olds French Horn Bugle is designed to deliver a sound comparable to that of the orchestral French Horn. The scale is exceptionally true and this instrument has true pitch in all registers.

Response is outstanding and the tonal timbre is such that it blends well with the other voices but still is strong and distinctive enough for its sound not to be blurred or covered over.

Finish is of hard chrome plate for lasting beauty and special bracing has been placed at stress points to add years of trouble free service.

Specifications

Model: BU-10 French Horn Bugle
Key: G-F/F# Rotary
Weight: 3 lbs. 5 oz.
Length: 24"
Valve Bore: .468
Bell Size: 10"
 equipped with hard shell case, mouthpiece and accessories



 **ULTRATONE BASS BARITONE BUGLE**

The extremely large bore of this Baritone emphasises the rich, full tone it produces. It can be used as either a middle low or bass voice of the bugle choir.

Because this bass baritone is G-F pitched, the previous F rotary is now exclusively replaced with the F# rotary to produce truer intonation throughout its entire range.

Hard chrome plate is used for lasting beauty and special bracing has been placed at stress points for years of trouble free service.

Specifications

Model: BU-15 Bass Baritone Bugle
Key: G-F/F# Rotary
Weight: 5 lbs. 4 oz.
Length: 23"
Valve Bore: .562
Bell Size: 10"
 equipped with hard shell case, mouthpiece and accessories



 **ULTRATONE CONTRA-BASS BUGLE**

Because this is the largest Contra-Bass Bugle available, it also has the fullest sound. Utilizing a F# rotary with a specially designed slip slide, a complete chromatic scale is possible throughout the Contra-Bass's entire effective range.

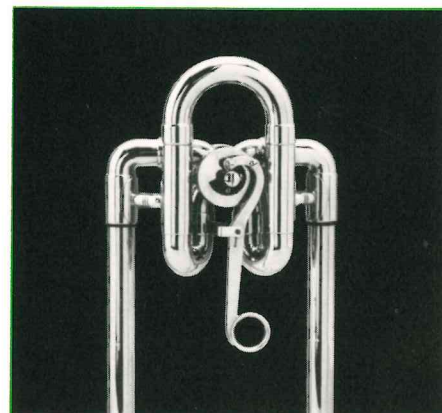
It has a full, rich tone and unbelievable response throughout its register.

Special design allows the player to see his left for proper guiding and the instruments weight has been well distributed for balance and handling.

Massive guards are provided for exposed surfaces, plus there is a removable bell for ease of repair or replacement. Chrome plated for lasting beauty.

Specifications

Model: BU-20 Contra-Bass Bugle
Key: G-F/F# Rotary with slip slide
Weight: 16 lbs.
Length: 37"
Valve Bore: .656
Bell Size: 16"
 equipped with hard shell case, mouthpiece and accessories



REPLACEMENT ROTARIES

Due to occasional damage or misuse by the player, a rotary valve will have to be replaced. Some corps also find it beneficial to have one or two replacement rotaries available for emergency situations. To order replacement rotaries ask for them by the following numbers:

- F# Soprano Rotary with slide adjustorNo. BU-01R rotary.
- F# Soprano Rotary no adjustorNo. BU-00R rotary.
- F# Mellophone Rotary with slide adjustorNo. BU-06R rotary.
- F# Mellophone Rotary no adjustorNo. BU-05R rotary.
- F# French Horn RotaryNo. BU-10R rotary.
- F# Bass-Baritone RotaryNo. BU-15R rotary.
- F# Contra-Bass Rotary with slip slideNo. BU-20R rotary.

OLDS MOUTHPIECES

In the event original mouthpieces delivered with the bugle are lost or damaged, they may be replaced by ordering the following. Each of these mouthpieces has been carefully selected to deliver maximum efficiency and score from the instrument for which it is intended.

- SopranoOlds No. 7C
- MellophoneOlds No. 16
- French HornOlds No. 1
- Bass-BaritoneOlds No. 18
- Contra-BassOlds No. 97

THE IMPORTANCE OF THE PROPER MOUTHPIECE

No matter how finely crafted any brass instrument might be, it still must depend on the quality of tone born in the mouthpiece for the final musical sound. If the original tone is faulty, so too will the final sound emerging from the bell be of limited quality.

For this reason extra care must always be given to proper mouthpiece selection. Too shallow a cup, or too small a bore will result in a thin, pinched tone. Too narrow a cup impedes the natural shift of the lips (lip-ping action) resulting in poor intonation and pitch. Small cup mouthpieces also restrict tongue movement, hindering articulation.

Ideally, the larger and deeper the cup, and the bigger the bore, the better pitch, intonation and articulation will be. You will find leading brass players in all major symphony

orchestras always use one of the largest cup mouthpieces available.

As to range, small cup, small bore mouthpieces are considered an asset for playing in the upper register. While this is somewhat true, it is always at the expense of sacrificed tone and pitch. A player willing to spend some practice time applying proper technique and control on a larger cup mouthpiece will soon find himself developing an extremely good tone, pitch and range.

The mouthpieces provided with all Olds bugles have been chosen as the minimum cup and bore size to produce proper tone and range with average technique. As a bugler improves in playing ability he should always move on to a larger mouthpiece. Never to a smaller one.



CASES

Replacement cases for Olds Ultratone Bugles are identical to cases that are provided with the instruments at time of purchases. Should replacement be necessary, please order by the following numbers.

Soprano Bugle Case	#4900
Mellophone Bugle Case	#4905
French Horn Bugle Case	#4910
Bass Baritone Case	#4915
Contra-Bass Bugle Case	#4920

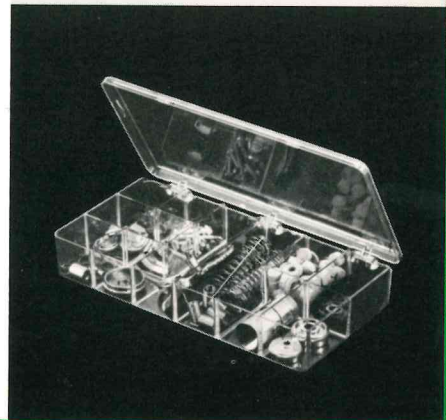
BUGLE REPAIR KITS

A must for every corps' equipment manager, these repair kits contain springs, pads, corks, screws and other items necessary for small bugle repair. Includes compartmentized case.

Bugle Repair Kit—complete for all models #0-17990-3.

Bugle Repair Kit—for BU-15 Bass-Baritone only #0-17991-1.

Bugle Repair Kit—for BU-20 Contra-Bass only #0-17992-7.



The Velvet Knights, a strong west coast drum and bugle corps from Buena Park, California, have worked extensively with the F. E. Olds factory in testing the Ultratone bugle under competitive conditions.



The Troopers of Casper, Wyoming, VFW National Champions in 1966 and holders of the Worlds Open Championship 1969. The bugle section is equipped with Olds Ultratone bugles.