

All arms Marketing and Manufacturing Organisation

# Musical Instruments <sup>for</sup> Military Bands



# Military Music

Military music only took some defined shape in Europe at the time of the Crusades. Prior to this, horns and trumpets were the only instruments of martial music. When the Crusaders came into contact with the Saracens, they found a musical civilisation far superior to their own. Saracen musicians were organised into bands which played unceasingly during conflicts for tactical purposes. These bands used a much wider range of instruments, including the trumpet, reed pipe, shawn, drum, kettledrum, cymbals and bells. As a result of the impact made upon the crusading forces by the dramatic effect of the Oriental musicians, Europe began to adopt this new use of military music by introducing a number of these recently discovered instruments.

It became the custom to employ bands of minstrels for the military attached to the suites of the Kings and nobility. The military band, as we understand the definition of the term, started to formalise in the 17<sup>th</sup> century. Towards the end of the 18<sup>th</sup> century, clarinets, bassoons, serpents and trombones were clearly established within the instrumentation of military band. It was precisely during this period that innovations were to develop that were to influence music making for years to come.



# Pride of Nation

Suddenly the hushed silence is broken by those formidable words of command "GUARD OF HONOUR – PRESENT ARMS". A sharp snap of weapons coming to the salute, a double forte roll of the drums and the national anthem strikes up from the military band formed up in all its rich panoply of uniforms and glittering instruments. That scene has been repeated for countless years in countries all over the world in airport arrival areas, seaport VIP enclosures, capital city railway stations – all to herald the commencement of a state visit from an overseas Head of State.

The nation's pride is reflected in the honour bestowed upon the welcome visitor. One of the first impressions that our visitor will hear, see and feel is the impact of the playing of the national anthem by the military band. During the visit at state receptions and banquets, music will be provided on almost every occasion.

The importance of the part that music plays in every country's life can often be underestimated. It is rarely so when it comes to the part music plays in a country's ceremonial exposure. Military musicianship is internationally of the highest order.



# Westminster London Brass

Conceived to offer the tonal benefits of a range of brass instruments suitable for all applications, the Westminster range is renowned for being freeblowing, well-balanced and comfortable for all players, giving a full sound with both good intonation and easy response.

Military bands have been an integral part of British heritage for many years. The Boosey & Hawkes Company had a special significance in military music and the continuous development of Boosey & Hawkes instruments has given military bands the famous British military sound.









# Trumpets

An ideal entry level instrument, the WE1010 trumpet provides players with a comfortable playing position, ease of projection and good intonation, offering durability and reliability at an affordable price.

### MODEL WE1010

- Bore 11.68mm(.460"), medium-large
- Bell diameter 123mm
- Adjustable finger ring with stop on 3<sup>rd</sup> valve slide
- Thumb hook on 1st valve slide
- · Precision stainless steel centre sprung valves
- 2 water keys
- · Hand forged braces for stability
- Supplied in lightweight case with nylon cover and carrying strap



The WE1110 trumpet provides excellent intonation and a focused sound. The reversed lead pipe makes it extremely free blowing and its good projection under all playing conditions makes it a versatile instrument for all types of performance.

### MODEL WE1110

- Bore 11.68mm(.460"), medium-large
- Bell diameter 123mm
- · One-piece cryogenically formed, hand hammered bell
- 2 water keys
- Top centre sprung stainless steel valves
- · Red brass lead pipe
- Reversed main tuning slide
- Thumb hook on 1<sup>st</sup> valve slide
- Adjustable 3<sup>rd</sup> valve slide with fixed finger ring and slide stop screw
- Pearl valve button tops
- Nickel silver inner and outer slides
- Supplied in deluxe wood shell case



# Cornets

Playing comfort, easy response and good intonation are just some of the benefits gained from the features of the WE1020 & WE1120 cornet. The resulting full, rich sounds benefits further the advancement of the developing player.

- Bore 11.68mm (.460") medium-large
- Bell diameter 118mm
- Traditional short model with shepherd's crook
- Adjustable finger ring on 3rd valve slide
- Precision stainless steel centre sprung valves
- 2 water keys
- Hand forged braces for stability
- Supplied in lightweight case with nylon cover and carrying strap
- Triggers on first & third valves on WE1120 only





### MODEL WE1020

MODEL WE1120

# Trombones

Designed to provide the developing musician with an immediate tonal response, the WE1030 trombone is comfortable to play and easy to blow. It easily produces a full, rounded sound and benefits from an excellent, light, smooth slide action.

- Bore 12.70mm
- Bell 203mm
- Removable balance weight
- Small diameter tube
  handgrip
- Chrome plated brass
  inner slide
- Bb & F trigger on WE1042 only



# Euphoniums

With a choice of three models, the Westminster euphoniums provide an excellent start to the careers of aspiring players. All models are free blowing with an ease of tone production and an even response throughout the register. They have a rich, warm, centred tone and a reliable, fast and quiet valve action. Coupled with a comfortable playing position for both embouchure and fingers, the WE1062 and WE1065 euphoniums provide a classic sound even in the hands of the less experienced players.

### MODEL WE1062

- 3 bottom sprung stainless steel valves
- Bell diameter 284mm
- Non compensating
- Large bore, 14.72mm
- Lightweight design
- 2 water keys

### MODEL WE1065

- · 4 bottom sprung stainless steel valves
- Bell diameter 284mm
- Non compensating
- Large bore, 14.72mm
- 2 water keys

### MODEL WE2067

- 4 bottom sprung stainless steel valves
- Bell diameter 284mm
- Automatic compensating system
- Large bore, 14.7mm
- Lightweight design
- 2 water keys



# Tubas

Both Eb (WE1077) and Bb (WE1087) models are free blowing with an ease of tone production and an even response. The mouthpipe is carefully positioned to give the optimum playing comfort and the valve technology produces complete accuracy and reliability. With excellent depth and quality of tone, the lightweight design makes these tubas exceptionally easy to hold and carry.

### WE1087

- Bb
- 3 bottom sprung stainless steel valves
- Bell diameter 330mm
- Non compensating
- Large bore, 17.51mm
- Weight 7.1 kg
- 2 water keys



### WE1077

- Eb
- 3 bottom sprung stainless steel valves
- Bell diameter 310mm
- Non compensating
- Bore 16.52mm
- Lightweight design, only 5.6kg
- 2 water keys



# Woodwind Instruments

### W. Schreiber

This woodwind instrument maker has embodied German quality for more than 60 years. For many years W. Schreiber has been the market leader in the German clarinet market, and while W. Schreiber bassoons are admired by beginners, students and professionals all over the world, W. Schreiber German flutes also offer unique value for money.

### J. Keilwerth

All over the world, the name of the company's founder stands for high-quality and professional saxophones. Top musicians from all musical genres admire the special Keilwerth sound, and the many benefits of a Keilwerth instrument can also be experienced by amateur musicians. The brand offers high-quality instruments right across the price range.

# W. Schreiber Clarinet

Over 50 years' experience of making clarinets has gone into the 6010 model. This is an ideal starter instrument and offers excellent value for money. Special features including the ultra-robust silver-plated keywork, improved intonation, thumb rest with neck strap fixture, ultra-light case with shoulder carrying strap and high-quality mouthpiece provide everything that a beginner could need. As the instrument is manufactured entirely in Germany, the highest standards of quality and durability are guaranteed.

### **MODEL 6010**

- In Bb, tuned to A 442
- 17 keys, 6 rings
- Instrument, mouthpiece and reeds, made in Germany
- Body made of ABS resin, with the look of wood, reduced weight, durable, easy to clean, crack resistant, perfect for young players
- Improved intonation thanks to special positioning of register tube
- Nickel silver keywork with ultra-robust silver-plating
- Silver-plated body rings

- · Bellring to prevent damage
- Attractive, modern design
- High-quality, double fish skin pads for excellent sealing
- Thumb rest with neck strap fixture particularly suitable for young or small players
- High-grade case with carrying-strap and large accessory, black
- ESM\* mouthpiece, ligature and cap
- Comprehensive accessories including pullthrough swab, grease stick, maintenance leaflet and fingering chart

The ideal instrument for the ambitious musician, this completely revised instrument provides top class intonation across all registers. High-grade Grenadilla wood, perfectly seasoned and protected thanks to special processing techniques is used to make this attractive instrument, whilst computer controlled machinery guarantees a high-precision finish. The clarinet models 6025 (6026 with Eb-lever) are perfect for both beginners and ambitious musicians alike; technical details, innovative processing methods and top quality components provide optimum playing comfort from the very first note.

### MODEL 6025 (MODEL 6026 WITH Eb-LEVER)

- In Bb, tuned to A 442
- 17/18 keys, 6 rings (also available with Eb-lever as the 6026 model)
- Instrument, mouthpiece and reeds, made in Germany
- Body made from carefully selected and dried Grenadilla wood with natural surface look
- Ultra resistant to moisture and cracking thanks to special wood treatment
- Five-year guarantee against wood cracking
- Top class intonation thanks to special bore drilling and ESM mouthpiece
- Nickel silver keywork with ultra-robust silver-plating
- · Silver-plated body rings
- Attractive, modern design

- Bellring to prevent damage
- High-grade leather pads
- Thumb rest with neck strap fixture particularly suitable for young or small players
- High-grade case with carrying-strap and large accessory, black
- ESM\* mouthpiece, ligature and cap
- Comprehensive accessories including pullthrough swab, grease stick, maintenance leaflet and fingering chart

\* ESM is a German company that makes mouthpieces for woodwind instruments. It is one of the leading suppliers in the world. Brands including Julius Keilwerth, W. Schreiber and Buffet Crampon use ESM mouthpieces.

# W. Schreiber Oboes

This simplified conservatory model is especially suitable for beginners. Made in Germany, this high-quality instrument offers excellent value for money.

### **MODEL 7020**

### Specifications

- Simplified conservatory system
- Made in Germany
- Key C
- 441/443 Hz
- Reduced weight expecially for students and beginners
- Semi-automatic
- French fingering system
- Body made from carefully selected and dried Grenadilla wood with natural surface look and durable functioning of the mechanism
- Ultra resistant to moisture and cracking thanks to special wood treatment and synthetic resin bore

- Five-year guarantee against wood cracking
- Nickel silver keywork with ultra-robust silver-plating and high stability of the mechanism
- Silver plated body rings
- Attractive, modern design
- Gamut to low B
- Fork F-mechanism
- Double G# and Eb key
- Left F-lever
- Thumb rest with ring for neck strap fixture
- High quality case with cork grease and pull-through swab

The 7130 oboe was designed especially for the British market. High-grade Grenadilla wood and synthetic resin bore prevent the wood cracking.

### MODEL 7130 (UK MODEL)

- Simplified conservatory system with thumb-plate
- Made in Germany
- Key C
- 441/443 Hz
- Reduced weight expecially for students and beginners
- Semi-automatic
- French fingering system
- Body made from carefully selected and dried Grenadilla wood with natural surface look and durable functioning of the mechanism
- Ultra resistant to moisture and cracking thanks to special wood treatment and syntetic resin bore
- Five-year guarantee against wood cracking

- Nickel silver keywork with ultra-robust silver-plating and high stability of the mechanism
- Silver plated body rings
- Attractive, modern design
- Gamut to low Bb
- Fork F-mechanism
- Double G# and Eb key
- Thumb rest with ring for neck strap fixture
- High quality case with cork grease and pull-through swab

# W. Schreiber Oboes

Made of high-grade Grenadilla wood, both the 7060 and 7070 models have a full conservatory system. The 3rd octave and bell resonance keys provide optimum playing comfort.

### **MODEL 7060**

### Specifications

- Conservatory system
- Made in Germany
- Key C
- 441/443 Hz
- Semi-automatic
- French fingering system
- Body made from carefully selected and dried Grenadilla wood with natural surface look and durable functioning of the mechanism
- Ultra resistant to moisture and cracking thanks to special wood treatment and syntetic resin bore
- Five-year guarantee against wood cracking
- Nickel silver keywork with ultra-robust silver-plating and high stability of the mechanism

- Silver plated body rings
- Attractive, modern design
- 3<sup>rd</sup> octave key
- Fork F-mechanism
- C# trill key and double D trill key
- Double G#- and Eb key
- Left F-lever
- Bell resonance key (low Bb)
- Thumb rest with ring for neck strap fixture
- High quality case with cork grease, pull-through swab and screwdriver

### **MODEL 7070**

- Conservatory system
- Made in Germany
- Key C
- 441/443 Hz
- Full-automatic
- French fingering system
- Body made from carefully selected and dried Grenadilla wood with natural surface look and durable functioning of the mechanism
- Ultra resistant to moisture and cracking thanks to special wood treatment and synthetic resin bore
- Five-year guarantee against wood cracking

- Nickel silver keywork with ultra-robust silver-plating and high stability of the mechanism
- Silver plated body rings
- Attractive, modern design
- 3<sup>rd</sup> octave key
- Fork F-mechanism
- C# trill key and double D trill key
- Double G#- and Eb key
- Left F-lever
- Bell resonance key (low Bb)
- Thumb rest with ring for neck strap fixture
- High quality case with cork grease, pull-through swab and screwdriver

# W. Schreiber Bassoons

Schreiber is one of the leading bassoon makers in the world and this is attributed to a combination of highly skilled craftsmen, top quality materials and attention to detail. Only the best Alpine Maple is used in the manufacture of Schreiber bassoons and together with precision made keywork, these instruments are the choice of players worldwide.

### MODEL S16 (WS5016)

### CONSERVATORY, German system

A standard size keywork is mounted on this bassoon.

From this model onwards, all instruments are equipped with a whisper key lock, a second Bb key for the ring finger and a C# trill for the index finger of the right hand.

This Schreiber bassoon with its good intonation and its wonderful sound, offers the musicians the best opportunities for their musical development.

### Specifications

- 25 keys including high-D key
- Double C-touchpiece
- Whisper key lock for the left hand
- 4 rollers, F-Ab, C#-Eb
- Silver-plated keywork
- Body from 10 year old Alpine Maple wood
- A special epoxy resin lining in the wing joint and to Ab tonehole in the boot joint
- 2 hand hammered, soldered and bent bocals, silver-plated
- Durable and attractive case with cordura cover, backpack construction, music compartment and accessories
- Options: high E key, balance holder, large Bb/F# key guard plate, spike with cap, more options on request

### MODEL S31 (WS5031)

### MASTER, German system

This instrument is similar to the model S16 conservatory, but in addition, it is equipped with a large Bb/F# key guard plate and a high E key on the wing joint.

Every key mechanism is individually handmade for each instrument, thereby offering a very high level of playing comfort and ensuring even the smallest inaccuracies are avoided. The keywork is mounted with rod screws and head pivot screws, thus stabilising it and avoiding side noises.

The handmade keywork ensures that this model offers a very high level of playing comfort.

- 25 keys including high-D key, double C touchpiece, whisper key lock for the left hand, high E key, right hand Bb trill key and C# trill key
- Silver plated keywork
- Large Bb/F# key guard plate
- 4 rollers, F-Ab, C#-Eb
- Body from 10 year old Alpine Maple wood
- A special epoxy resin lining in the wing joint and to Ab tonehole in the boot joint

- 2 hand hammered, soldered and bent bocals, silver-plated
- Durable and attractive case with cordura cover, backpack construction, music compartment and accessories
- Options: spike with cap, balance holder, disconnectable Ab/Bb trill, additional rollers, fingerholes with solid silver inserts, more options on request

# J. Keilwerth Saxophones

Julius Keilwerth has made saxophones since 1925, with an emphasis on quality which remains unchanged today. Keilwerth saxophones allow the musician to shape his own sound and style. Highly skilled craftsmen build the complete range of saxophones, ranging from soprano to bass saxophone, including special models made from nickel silver (SX 90 R nickel silver and SX 90 R "Shadow").

Julius Keilwerth saxophones are ideal for all music styles and playing levels from student to professional. High value saxophones are made with feeling and passion which is reflected in the instruments played by many world class musicians.

### SOPRANO SAXOPHONE MODELS SX 90 AND SX 90 II

An excellent saxophone, not only for jazz music. The Keilwerth Soprano saxophone comes in two models, the SX 90 and SX 90 II. The SX 90 soprano saxophone is a one piece design, while the SX 90 II is available with a straight and a curved neck. The SX90 soprano saxophones are available in the following finishes:

- JK1300-8 SX 90 gold lacquered
- JK1320-8 SX 90 II gold lacquered
- JK1320-5B SX 90 II black nickel plated and clear lacquered, keys gold lacquered
- JK1320-8M body matt brushed, keys gold lacquered

### Specifications

- Bell diameter: 3.7" (95mm)
- Weight: 3 lbs (1.4 kg)
- Mother of pearl key inlays without metal rim
- High F# key
- B-Bb-C#-G# mechanism
- Easy operating octave mechanism
- Thumb rest adjustable in height and angle
- Leather pads with metal resonators, waterproof
- Stainless steel screws
- Hydraulically formed neck
- Soprano SX 90 II with 2 necks



### ALTO SAXOPHONE MODEL SX 90 R

Since 1925, Keilwerth has concerned itself with creating saxophones that allow the musician to shape his own sound and style. With this in mind, Keilwerth took the technical advantages and improvements of the SX 90, and added some extra features to truly make the musician's instrument his own. The result was the SX 90 R (the R standing for tone hole rings), a saxophone reminiscent of the old Conn and Buescher saxophones of the 1940s.

The most striking feature of this saxophone is its tone holes. The SX 90 R uses tone hole rings which are soldered on to the standard drawn tone holes. The tone hole rings give the pads a longer life, and the rings themselves are easier to replace if necessary, because they are a piece separate from the tone hole. The production of darker, more immediate, less focused sound is an added benefit of the tone hole rings, which allow the musicians to form their own individual voice.

- Bell diameter: Alto 5.25" (133mm)
- Weight: 5lbs 12oz (2.6kg)
- Tone hole rings
- Adjustable thumb rest
- Adjustable palm keys
- Extra F-arm with adjusting screw
- G# pad cup lifting mechanism
- Stainless steel screws
- Mother of pearl key inlays without metal rim
- Leather pads with metal resonators, waterproof
- Hydraulically formed neck



# WOODWIND INSTRUMENT / J. Keilwerth Saxophones

### **TENOR SAXOPHONE MODEL SX 90 R**

### BARITONE SAXOPHONE MODEL SX 90 R

Since 1925, Keilwerth has concerned itself with creating saxophones that allow the musician to shape his own sound and style. With this in mind, Keilwerth took the technical advantages and improvements of the SX 90, and added some extra features to truly make the musician's instrument his own. The result was the SX 90 R (the R standing for tone hole rings), a saxophone reminiscent of the old Conn and Buescher saxophones of the 1940s.

The most striking feature of this saxophone is its tone holes. The SX 90 R uses tone hole rings which are soldered on to the standard drawn tone holes. The tone hole rings give the pads a longer life, and the rings themselves are easier to replace if necessary, because they are a piece separate from the tone hole. The production of darker, more immediate, less focused sound is an added benefit of the tone hole rings, which allow the musicians to form their own individual voice.

The Julius Keilwerth SX 90 R tenor saxophones are available in the following finishes:

- JK3400-8 gold lacquered
- JK3400-5B body black nickel plated and clear lacquered, keys gold lacquered
- JK3400-5G body nickel plated and gold lacquered, keys gold lacquered
- JK3401-1 nickel silver body, clear lacquered, keys gold lacquered
- JK3401-5B2 nickel silver body, black nickel plated, clear lacquered, keys silver plated, model "Shadow"

### Specifications

- Bell diameter: Tenor: 6.1" (155mm)
- Weight: 8lbs (3.6 kg)
- Tone hole rings
- Adjustable thumb rest
- Adjustable palm keys
- Extra F-arm with adjusting screw
- G# pad cup lifting mechanism
- Stainless steel screws
- Mother of pearl key inlays without metal rim
- Leather pads with metal resonators, waterproof
- Hydraulically formed neck

The Keilwerth SX 90 R baritone saxophone produces a rich, deep tone. It has the capability of blending into a jazz ensemble or cutting through during solos. Adjustable palm keys make the SX 90 R baritone saxophone comfortable and easy to play, allowing the musician to concentrate on his performance. The wide connection ring between bow and body increases the stability of the saxophone.

The Keilwerth SX90R baritone saxophones are high precision, individually made instruments, creating a distinctive sound and style. The outstanding feature of these saxophones is the tone holes. The rings of the SX90R saxophone are soldered onto the edge of the standardised drawn tone holes. They increase the lifetime of the pads, which can be easily exchanged if necessary.

The Julius Keilwerth SX 90 R baritone saxophones (low A) are available in the following finishes:

- JK4410-8 gold lacquered
- JK4410-5B black nickel plated and clear lacquered, keys gold lacquered
- JK4410-5G nickel plated and gold lacquered, keys gold lacquered

- Available in low A
- Bell diameter: 7.4" (190mm)
- Weight: 11lbs (5kg)
- Tone hole rings
- Thumb rest adjustable in height and angle
- Adjustable palm keys
- G# pad cup lifting mechanism
- Auxiliary high F# key
- Stainless steel screws
- Mother of pearl key inlays without metal rim
- Hydraulically formed
  neck
- Leather pads with metal resonators, waterproof

# Bagpipes, Drums, Maces & Bugles

The bagpipes, although without doubt of Middle Eastern origin, have been played in Scotland "both for the purposes of war to heighten mirth and lighten labour, for marriages, to dance to, as well as to bewail the loss of the brave and honourable". In the 17<sup>th</sup> century, the clan pipers were men of high musical ability. They were sent to piping schools such as the MacCrimmon, the MacArtur, the MacKays of Gairloch and the MacKays of Raasey. Following the 1745 uprising in Scotland and the dramatic changes that followed, the pipes might have become extinct had it not been for their continued use in the Highland Regiments that were raised soon after that date.



Just as the Europeans adopted the Saracen use of Military Music all those years ago, countries from the five continents of the world today have adopted the pipes and drums instrumentation and style from the Highland Regiment of old. The British Band Instrument Company has supplied pipe bands throughout the Middle East, the Far East, the Indian sub-continent and Europe, as well as North and South America.



# Music Stands, Banners & Drum Majors' Sashes

### BAND

The origin of the word probably dates back to the 13<sup>th</sup> century meaning of Teutonic origin to bond, as something by which a person or object is tied.

It was not for another 300 years that the sense of a military group emerged which was probably derived via the Spanish, from a distinguishing band of cloth held aloft by troop, or from late Latin *bandum* – a banner – identifying a military designation. It is therefore likely and appropriate that the term "Band of musicians" was used to distinguish the designation of the regimental structure. When military musicians were used as a means of regimental identity through tunes and marches, it was and still is today appropriate to use regimental banners and sashes in conjunction with regimental tunes and marches to bond the identity of a particular military unit.





The drum major was seen on parade as early as the year 1500. There is evidence in England of an appointment of Drum Major General in 1676 "without whose authority no one could, except the King's troops, formally beat a drum". The appointment of Drum Major reverted to Sergeant Drummer in 1881 by which time that of Drum Major General had also disappeared. The British Army still referred to their Sergeant Drummer as Drum Major but it was not until an Army Order in 1928 that the appointment was officially reinstated.

The Drum Major's staff (mace) was introduced into the British Army in the 18<sup>th</sup> century. The staff is not simply a designation of authority but is used by defined drill movements to signal command to the band. Before the appointment of a Drum Major in the 16<sup>th</sup> century, the senior drummer or sergeant drummer wore no distinctive sash. The drum carriage, or sling, in the early days (1400 until circa 1860) was worn around the neck rather than over the right shoulder as it is today. The Sergeant Drummer played the drum on parade and wore a standard leather carriage with metal loops into which the drumsticks were placed when not in use.

When the Drum Major's appointment became authorised, a distinctive sash was worn representative of the Sergeant Drummer's carriage but with embellishments such as the Royal Cypher, or the Regiment's badge and devices. The drumsticks were full size and still fitted to the sash. The drum major wore a sword belt (or baldric) over his right shoulder. It was obvious that the sash should be worn over the left shoulder to avoid covering the sword belt and encumbering the use of the sword, which was worn on the left hip. Gradually the drum became smaller to make room for the additional embellishments. Although essentially a part of the ceremonial sash, the drum sticks still stand as a symbol of the Drum Major's original appointment.



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