

INSTRUMENTS/ RANGES

1. WOODWIND INSTRUMENTS

1.a) NONREED WOODWINDS

SOPRANO RECORDER (C)
sounds 8^{va} written

ALTO RECORDER (C)
sounds $8^{va}-1$ written

TENOR RECORDER (C)
sounds written

BASS RECORDER (C)
sounds written

PICCOLO FLUTE (C)
sounds 15^{ma} written $8^{va}-1$

FLUTE (C)
best range (in C) (dark, rich) low middle (clear) upper middle (brilliant) high 8^{va} best range $8^{va}-1$

ALTO FLUTE (G)
sounds $8^{va}-1$ in G best range (in C)

BASS FLUTE (C)
sounds written best range (in C) $8^{va}-1$

1.b) SINGLE REED WOODWINDS

CLARINET (Bb)
written range for ALL clarinets (except Bass clar.) 8^{va} sounds (throat tones) (clarino register) (shrill, piercing) $8^{va}-1$ best range (in C) 8^{va} sounds (pale, cold) middle (dark, woody) (chalumeau register) low upper middle high

CLARINET (A)
sounds 8^{va}

ALTO CLARINET (Eb)
sounds

"PICCOLO" CLARINET (Eb/D)
sounds 8^{va} best range (in C) $8^{va}-1$ (D)

BASS CLARINET (Bb)
sounds in Bb best range (in C)

BASSET HORN (F)
(Cor de Basset) sounds in F 8^{va} perfect 5th lower

SOPRANO SAX (F)
written range for ALL saxophones 8^{va} sounds

SOPRANO SAX (Bb)
sounds best range (in C)

ALTO SAX (Eb)
sounds best range (in C)

TENOR SAX (Bb)
sounds best range (in C)

BARITONE SAX (Eb)
sounds best range (in C)

BASS SAX (Bb)
sounds best range (in C)

(the very latest models also have all the notes down to low Bb)

1.c) DOUBLE REED WOODWINDS

OBOE (C) best range

OBOE D'AMORE sounds min 3rd lower written

ENGLISH HORN (F) (Cor Anglais) sounds in F best range (in C)

BASS OBOE (C) (Baritone Oboe) sounds an octave lower than written

HECKELPHONE (C) sounds an octave lower than written

BASSOON (C) (vibrant) (thick) low middle high (tense) (very difficult) most reliable range

DOUBLE BASSOON (C) (Contra Bassoon) sounds written

2. BRASS INSTRUMENTS

(FRENCH) HORN (F) sounds in F (pedal notes)

TRUMPET (Bb) (+Flugelhorn & Cornet) sounds best range (in C)

PICCOLO TRUMPET (Bb) (Bach Trumpet) sounds

BASS TRUMPET (Bb, C, Eb) (Bb) sounds (C) sounds (Eb) sounds in Eb

(TENOR) TROMBONE (C) (Eb) -ALTO TROMBONE (C) (D) sounds (Eb) sounds

BASS TROMBONE (C) (C) sounds (Eb) sounds in Eb

(TENOR) TROMBONE (C) (Eb) -ALTO TROMBONE (C) (D) sounds (Eb) sounds

(extended range, difficult)

(pedal tones)

BASS TROMBONE (C) (C) sounds (Eb) sounds in Eb

BARITONE (C) (Baritone horn) (difficult, not recommended)

BBb-TUBA (C) (Contrabass Tuba) (difficult, not recommended)

F-TUBA (C) (Bass Tuba) (pedal tones difficult and impractical)

Bb-TENOR TUBA (C) (Euphonium) (difficult) (pedal tones not recommended)

3. PERCUSSION INSTRUMENTS

MARIMBA (C) ^{8va - 1}

VIBRAPHONE (C)

XYLOPHONE (C) ^{15ma - 1} sounds written ^{8va - 1}

4. STRINGED INSTRUMENTS

VIOLIN ^{8va} (G - D - A - E-string)

VIOLA (C - G - D - A-string)

VIOLONCELLO (C - G - D - A-string) ^{8va}

CONTRABASS (E - A - D - G-string) (sounds an octave lower than written)

HARP (C) ^{8va}

GUITAR ^{8va} (sounds an octave lower than written)