

CONSTITUIÇÃO E EVOLUÇÃO DA ORQUESTRA

Orquestra Barroca	2
<i>madeiras</i>	
<i>metais</i>	
<i>percussão</i>	
<i>instrumentos harmónicos</i>	
<i>cordas</i>	
Orquestra Clássica	3
<i>madeiras</i>	
<i>metais</i>	
<i>percussão</i>	
<i>instrumentos harmónicos</i>	
<i>cordas</i>	
Orquestra Romântica (1)	4
<i>madeiras</i>	
<i>metais</i>	
<i>percussão</i>	
<i>instrumentos harmónicos</i>	
<i>cordas</i>	
Orquestra Romântica (2)	5
<i>madeiras</i>	
<i>metais</i>	
<i>percussão</i>	
<i>instrumentos harmónicos</i>	
<i>cordas</i>	
Orquestra Moderna	6
<i>madeiras</i>	
<i>metais</i>	
<i>percussão</i>	
<i>instrumentos harmónicos</i>	
<i>cordas</i>	
<i>outros</i>	

Orquestra Barroca

madeiras

2 Flutes
2 Oboes
2 Bassoons

metais

2 Natural horns
2 Natural trumpets

percussão

Timpani

instrumentos harmónicos

Keyboards and other chord-playing instruments selected by the ensemble leader
Harpsichord
Pipe organ
Lute
Theorbo

cordas

Violin I (8~10)
Violin II (4~6)
Viola (4~6)
Violoncello (4~6)
Double bass (and/or bass violones or other low-pitched bowed strings) (2~4)

Orquestra Clássica

madeiras

2 Western concert flutes
2 Oboes
2 Clarinets (Bb, C, or A)
2 Bassoons

metais

2 Natural horns
2 Natural trumpets

percussão

2 Timpani (performed by one timpanist)

instrumentos harmónicos

Harpsichord or pipe organ (from 1750 to the late 1700s, by which time it was gradually phased out of the orchestra)

cordas

12 Violins I
10 Violins II
8 Violas
8 Violoncellos
6 Double basses

Orquestra Romântica (1)

madeiras

Piccolo
2 Western concert flutes
2 Oboes
2 Soprano clarinets
2 Bassoons
Contrabassoon

metais

4 Natural or valved horns
2 Natural or valved trumpets
3 Trombones
Tuba

percussão

2 Timpani (played by one timpanist)
Snare drum
Bass drum
Cymbals
Triangle
Tambourine
Glockenspiel

instrumentos harmônicos

Piano
Celesta
1 Harp

cordas

14 Violins 1
12 Violins 2
10 Violas
8 Cellos
6 Double basses

Orquestra Romântica (2)

madeiras

1–2 Piccolo
3–4 Western concert flutes
3–4 Oboes, of which some may double on
(Cor anglais)
3–4 Clarinets in Bb or A, of which some may double on
(1–2 Eb Clarinet; D Clarinet) and
(Bass clarinet)
3–4 Bassoons
Contrabassoon

metais

4–8 French, German, or Vienna horns (more rarely natural horns)
3–6 Trumpets in F, C, Bb
3–4 Trombones
1–2 Tubas
(0–4 Wagner tubas – 2 Tenors, 2 Bass, usually doubled by horn players)

percussão

4 or more Timpani
Snare drum
Bass drum
Cymbals
Tam-tam
Triangle
Tambourine
Glockenspiel
Xylophone
Tubular bells

instrumentos harmónicos

Piano
Celesta
2 or more Harps

cordas

16 Violins 1
14 Violins 2
12 Violas
12 Cellos
10 Double basses

Orquestra Moderna

madeiras

2–4 Western concert flute (1 doubling piccolo)
2–4 Oboes (1 doubling cor Anglais)
2–4 Clarinets (1-2 doubling bass clarinet and/or Eb Clarinet)
2–4 Bassoons (1 doubling contrabassoon)
1 contrabassoon
(1 or more Saxophones of various types)

metais

4–8 German (usually double) horns in F/Bb (in France: French horns; in Vienna: Vienna horns)
3–6 Trumpets in Bb , C
3–6 Trombones (1–2 bass trombones)
1–2 Tubas
(1 or more Baritone horns/euphoniums)
(1 or more Wagner tubas)

percussão

4 or more Timpani
Snare drum
Tenor drum
Bass drum
Cymbals
Tam-tam
Triangle
Woodblock
Tambourine
Glockenspiel
Xylophone
Vibraphone
Tubular bells
Marimba
Drum kit (in some works)
Other percussion instruments, including ethnic or world music instruments specified by composers

instrumentos harmónicos

1 Piano
1 Celesta
2 or more Harps
(Pipe organ in some works)

cordas

16 Violins 1
14 Violins 2
12 Violas
10 Cellos
8 Double basses

CONSTITUIÇÃO E EVOLUÇÃO DA ORQUESTRA

outros

As required by the compositions in the program, various electric instruments or electronic instruments may be used in the orchestra. These performers are not typically permanent orchestra members. They are typically freelancers hired on contract for one or more concerts. Instruments may include:

- Theremin
- Electric guitar
- Electric bass
- Synthesizers
- Other electronic musical instruments
- Non-musical instruments such as a typewriter or reel-to-reel tape player

acerca dos conceitos orquestra sinfónica vs filarmónica.

A symphony orchestra and a philharmonic are practically the same thing, They're the same size and they play the same kind of music. The two terms exist to help us tell different ensembles apart, especially in cities that boast multiple groups. (NYC is home to the Brooklyn Philharmonic and the Brooklyn Symphony. They're the same kind of orchestra, but they have different names so you don't confuse them.) The divide between symphony-philharmonic is just a matter of identity.