

**Unison Ranks:**

<b>32'</b>	<b>16'</b>	<b>8'</b>	<b>4'</b>	<b>2'</b>	<b>1'</b>	<b>6"</b>	<b>3"</b>	<b>1 1/2"</b>
-6	-5	-4	-3	-2	-1	-.5	0	+.5
-5.5	-4.5	-3.5	-2.5	-1.5	-.5	0	+.5	+1
-5	-4	-3	-2	-1	0	+.5	+1	+1.5
-4.5	-3.5	-2.5	-1.5	-.5	+.5	+1	+1.5	+2
-4	-3	-2	-1	0	+1	+1.5	+2	+2.5
-3.5	-2.5	-1.5	-.5	+.5	+1.5	+2	+2.5	+3
-3	-2	-1	0	+1	+2	+2.5	+3	+3.5

**Celeste Ranks:**

<b>8'</b>	<b>4'</b>	<b>2'</b>	<b>1'</b>	<b>6"</b>
+11	+9	+7	+5	+5
+12	+10	+8	+6	+6
+13	+11	+9	+7	+7

**Quint Ranks:**

<b>12th</b>	<b>19th</b>	<b>26th</b>	<b>33rd</b>	<b>40th</b>	<b>47th</b>
+1.5	+2	+2.5	+3	+3.5	+4
+2	+2.5	+3	+3.5	+4	+4.5
+2.5	+3	+3.5	+4	+4.5	+5

**Tierce Ranks:**

<b>17th</b>	<b>24th</b>	<b>31st</b>	<b>38th</b>	<b>45th</b>
-17.5	-16.5	-15.5	-14.5	-14
-18	-17	-16	-15	-14.5
-18.5	-17.5	-16.5	-15.5	-15

<b>Voice</b>	<b>2' Offset</b>
Gemshorn	+.5
Principal	0
Bourdon	-.5
Octave	+.5
Quint	+2.5
Krummhorn	+1
Gemshorn Celeste	+8
Rohrflute	-1
Viola	+.5
Viola Celeste	+9
Prestant	+1
Flute Harmonique	-.5
Trompette	+1
Hautbois	+.5