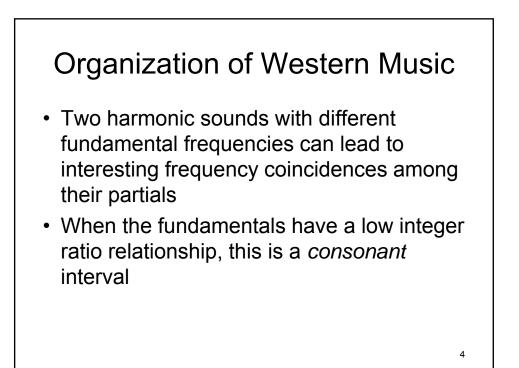


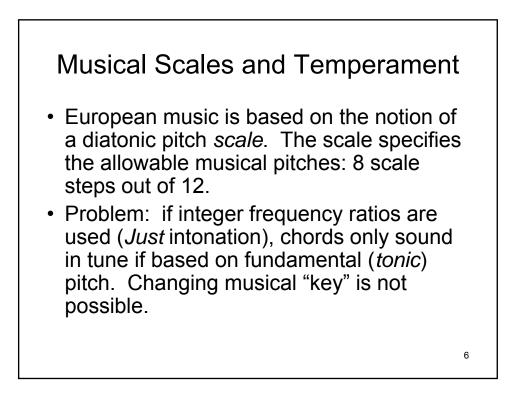
Pitch

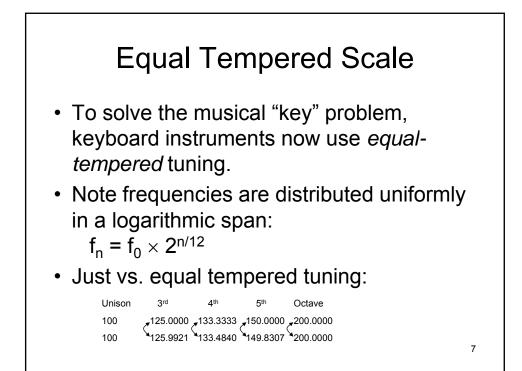
- Musical sounds often have a *pitch* that is related to the sound's spectral content
- The pitch of a harmonic sound is usually close to the fundamental frequency of that sound
- Inharmonic sounds may have a perceived pitch, but it is not merely the fundamental of some harmonic series

3



Consonant Intervals									
		5011			i valo				
	Unison	3 rd	4 th	5 th	Octave				
	1/1	5/4	4/3	3/2	2/1				
	100	125	133.33	150	200				
	200	250	266.67	300	400				
	300	375	400	450	600				
	400	500	533.33	600	800				
	500	625	666.67	750	1000				
	600	750	800	900	1200				
	700	875	933.33	1050	1400				
	800	1000	1066.67	1200	1600				
	900	1125	1200	1350	1800				
	1000	1250	1333.33	1500	2000				
	1100	1375	1466.67	1650	2200				
	1200	1500	1600	1800	2400				
	1300	1625	1733.33	1950	2600				
	1400	1750	1866.67	2100	2800				
	1500	1875	2000	2250	3000				
	1600	2000	2133.33	2400	3200	5			
						5			





). Ju:	nt vs	ime	pera	геп	Juar	
				•		-	
octave		5th		4th		3rd	
2/1	1.498307	3/2	1.33484	4/3	1.259921	5/4	1/1
200	149.83	150	133.48	133.33	125.99	125	100
400	299.66	300	266.97	266.67	251.98	250	200
600	449.49	450	400.45	400.00	377.98	375	300
800	599.32	600	533.94	533.33	503.97	500	400
1000	749.15	750	667.42	666.67	629.96	625	500
1200	898.98	900	800.90	800.00	755.95	750	600
1400	1048.81	1050	934.39	933.33	881.94	875	700
1600	1198.65	1200	1067.87	1066.67	1007.94	1000	800
1800	1348.48	1350	1201.36	1200.00	1133.93	1125	900
2000	1498.31	1500	1334.84	1333.33	1259.92	1250	1000
2200	1648.14	1650	1468.32	1466.67	1385.91	1375	1100
2400	1797.97	1800	1601.81	1600.00	1511.91	1500	1200
2600	1947.80	1950	1735.29	1733.33	1637.90	1625	1300
2800	2097.63	2100	1868.78	1866.67	1763.89	1750	1400
3000	2247.46	2250	2002.26	2000.00	1889.88	1875	1500
3200	2397.29	2400	2135.74	2133.33	2015.87	2000	1600

