




## Overview of program features of the Redshift Sky App

Content / Features	 The Sky by Redshift	 Redshift Sky Pro	 Redshift Sky Ultimate
Stars	11,000	100,000	2,500,000
Access to online catalog USNO B 1.0 / GAIA DR2			★
Stars with exoplanets			★
Famous novae and supernovae			★
Major planets / dwarf planets	8 / 5	8 / 5	8 / 5
Moons	13	26	26
Comets	20	16	800
Asteroids	40	500	4,000
Asteroid belts	★	★	★
Earth spacecraft	★	★	★
Access to online databases asteroids, comets, spacecraft	low (spacecraft only)	partly	complete
Constellations	88	88	88
Deep Sky objects	200	10,000	70,000
Filtering the sky objects and labels	low	partly	complete
Filtering the celestial lines, markers and grids	low	partly	complete
Search for objects in Redshift database	★	★	★
Object Info	low	★	★
Animated lectures “Discover Astronomy”	5 / 11 with subscription	26 DE, EN, FR, RU, others 11	26 (DE, EN, FR, RU), others 11
Panoramas of the Moon and Mars		★	★
Background sound	5	5	5
Daylight view	★	★	★
“Night Vision” view		★	★
Show on external display		★	★
Basic coordinate systems	1	2	5
Orbits		★	★
Planetary / lunar mapping		-	Grid, poles, gazetteers
Setting / choosing precise location on the Earth	★	★	★
Setting/choosing precise location on planets / moons			★
3D-flights	★	★	★
Landing on planets and moons		★	★
3D-models of deep-sky objects	3 / 12 with subscr.	24	62
3D-models of planets / moons	10 / 22 with subscr.	35	35
3D-models of asteroids / comets	0 / 4 with subscr.		11
3D-model of the Milky Way Galaxy			★
Follow Sky – recognizing stars & other objects on the sky	★	★	★
Augmented reality		★	★
Track of spacecraft on Earth map			★
Telescope control			★
My Favorites		20 objects	Arbitrary amount
Today’s Sky	★	★	★
Celestial Calendar		Eclipse Calendar	Events Calendar
Maps of solar eclipses			★
Notifications for celestial events and objects visibility			★
Saving and opening favorite workspaces			★
Setting startup workspace		Default, Last Session	Def., Last, Saved View
Export / Import / E-mailing favorite workspaces.			★
Numerical integration			★
iMessage (only iOS)		★	★
iWatch (only iOS)		★	★
Time interval	1900-2100 AD	1600–2200 AD	1000–2500 AD
Download of extended time interval			3000 B. C. – 3000 AD
Detailed Help Manual	★	★	★

