Revolution Stand-Alone Touchscreen Lock

Premier Product

The Arrow Revolution stand-alone touchscreen lock combines the functional elements of a cylindrical lockset with the latest technology designed for electronic aesthetics. Dealers will benefit by providing an up to date technological solution that is also quick and easy to install.

Users benefit from a simple interaction with the lock through a voiceguided touchscreen, making day-to-day use and programming easy. The Revolution is recommended for healthcare facilities, offices, retail environments, multi-family, hospitality, government facilities, as well as K-12 school environments. The Revolution provides a traffic control solution for areas requiring restricted access. If necessary either a single user or all users can be easily locked out by the administrator. This feature provides a quick lockout option in case of a security concern.



REVOLUTION

Certification:

All Arrow Revolution Stand-alone Touchscreen Locks are UL/cUL listed for use on 3 hour, A label or lesser doors and are certified to conform to and exceed the requirements of ANSI/BHMA A156.2, Series 4000, Grade 1.

- Federal Specification FF-H-106C
- ANSI A117.1 Accessibility Code
- California State Reference Code for levers returning to within 1/2" (12.7mm) of door surface

BHMA CERTIFIED
Be Safe. Be Secure. Be Certified.

ADA/Americans with Disabilities Act:

Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and "U" shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Features & Specifications:

Electronic Elements:

- Stand-alone touchscreen access locking device
- Interactive voice-guided programming
- Tri-lingual, English/Spanish/French
- 4 AA batteries
- Request to enter (REX) input allows remote access capability
- Volume control – High, Low – Default, Silent
- Visual verification of pin code programming
- Feature access through keypad programming, 4-12 digit user pin codes
  - 255 users and 1 master user
  - Lockout Mode
  - Passage Mode
  - Auto Re-Lock

Mechanical Components:

- UL listed for use on fire doors
- ADA compliant levers
- Install lock and latch with only 5 screws
- Key Override – Uses standard Arrow cylinders available in AR and CS keyways
- Also available in Small Format Interchangeable Core Prep
- Weather resistant
- Field Reversible
- Door Prep: Standard 161 Prep with one additional 3/4" hole
- Standard three (3) year warranty

Finishes:

- Polished Brass US3, Oil Rubbed Bronze US10B, Satin Chrome US26D

Functions:

- V1-51 Key Override

Revolution Stand-Alone Touchscreen Lock

Premier Product

Features *(Continued)*:

OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

OverDrive™ – Freewheeling lever action occurs when latch retraction mechanism disengages from lever handle when handle is locked. Built-in stops in the rose insert prevent lever from traveling beyond approximately 57 degrees.

Backset – 2-3/4" (69.85mm) standard. Also available in 2-3/8" backset.

Packaging – 1 per box, 3 per case.

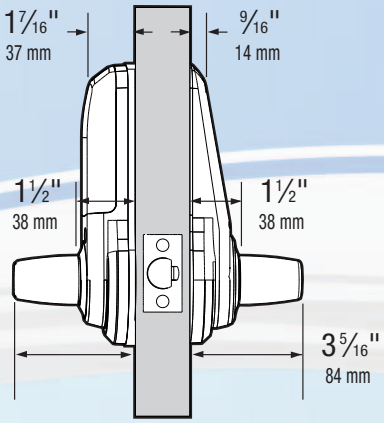
Door Thickness – 1-3/4" (44mm) door thickness standard.

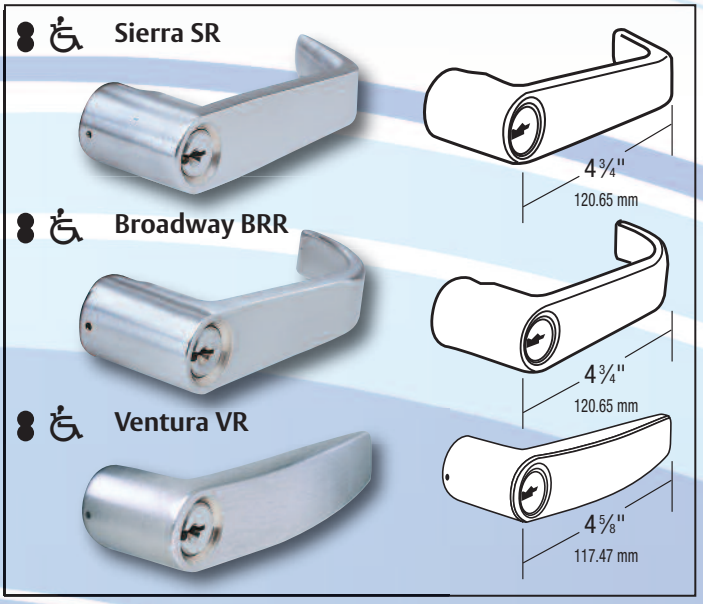
For use on 1-3/8" thick doors, a special thin door kit must be used. To order the 1-3/8" thin door kit, **Specify Part Number: V1-Kit1**. This kit includes inside and outside escutcheon spacers as well as a 2-3/8" latchbolt. **Note:** Using a 2-3/8" latchbolt results in Grade 2 certification on the lock.

Note: Revolution REX Wire Harness sold separately.

Designs:





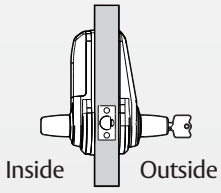


Finishes:



	BHMA	U.S. Equiv.	Arrow Equiv.	Finish
1	605	US3	03	Bright Brass
2	613	US10B	10B	Dark Oxide Bronze, Oil Rubbed
3	626	US26D	26D	Satin Chromium Plated

ARROW	FUNCTION	DESCRIPTION
V1-51	**Touchscreen with Key Override**	• For doors that require mechanical key override. • Latchbolt retracted by outside lever with valid pincode; by use of mechanical key, or by operating inside lever. • Inside lever always active. • Deadlocking latchbolt.



Revolution Stand-Alone Touchscreen Lock

Premier Product

Order Example:

Series: V1
Function: 51 (touchscreen w/key override)
Trim: SR (lever w/angled return)
Finishes: 26D (US26D), 03 (US3), 10B (US10B)

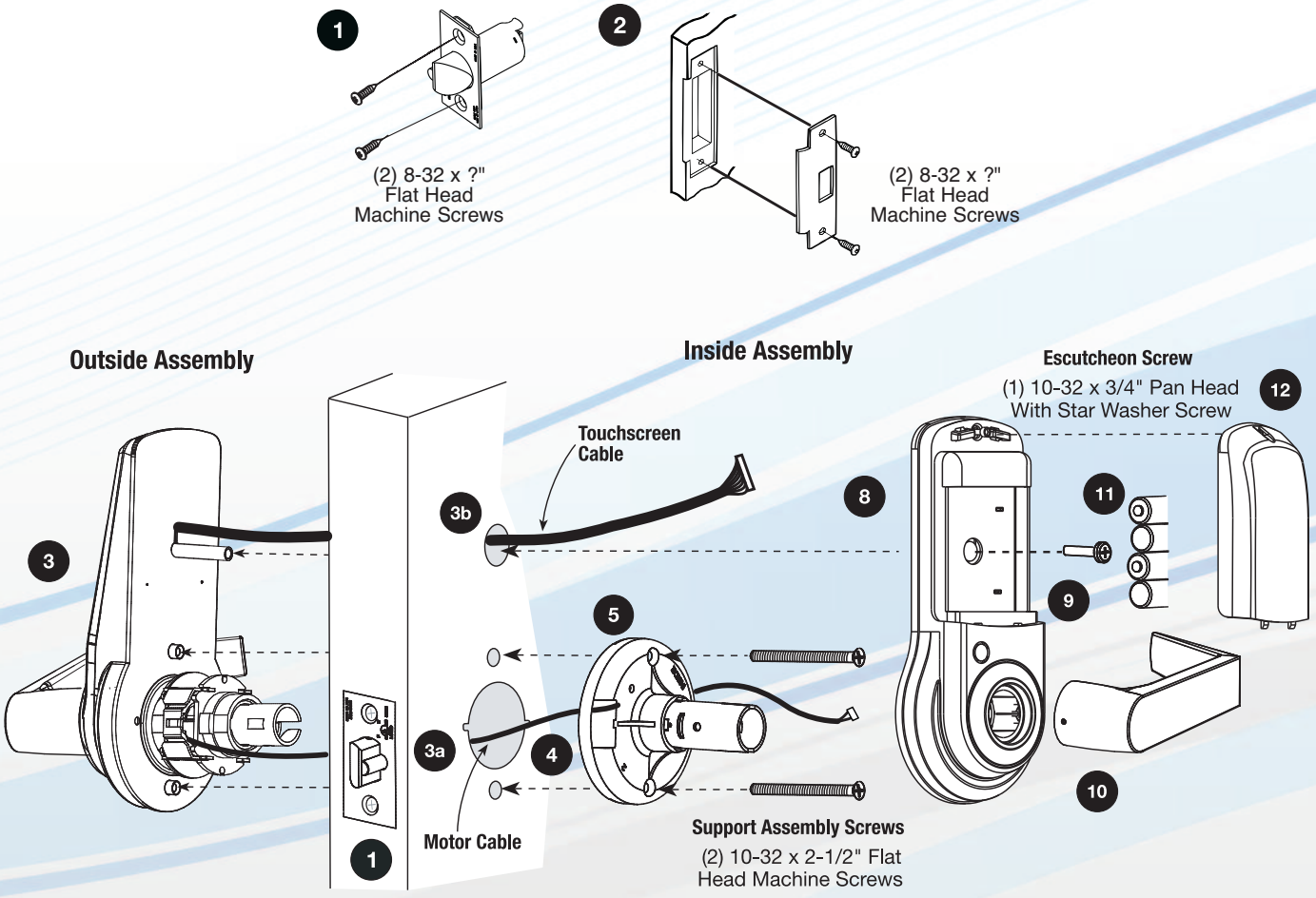
Strike: V18 (t-strike)
V14 (ANSI strike)
Latch: V44 (2-3/4" BS x 1-1/8" beveled front)
V45 (2-3/4" BS x 1-1/8" flat front)

Suffix Options (V1-51 function only):
KD (std. cyl. keyed different)
LC (less std. cyl.)
OB (0-bitted)
IC (SFIC less core)

Example: To order a Revolution stand-alone touchscreen lockset with a Sierra design lever, satin chrome finish, with an ASA strike and 2-3/4" backset, keyed different:

Specify:	V1	51	SR	26D	V18	V44	KD
	Series	Function	Design	Finish	Strike	Latch	Suffix Options

How to Install:



ARROW LOCK & DOOR HARDWARE
ASSA ABLOY