

LED 3-axis Dental Light



A-dec LED dental light

STANDARD FEATURES

- 1., 9.** 40,000 hour-rated, bright white LEDs
 - Three intensity and one cure-safe setting
 - 8.** Light head includes 3-axis rotation: horizontal, vertical and diagonal adjustment
 - 2.** Optically balanced LED array provides feathered-edge and uniform light pattern
- Touchpad or local control
 - Auto On/Off functions with A-dec 511, 411 or 311 chair presets
 - For optical specifications refer to page 100

NOTE: 300-watt power supply included with A-dec 511, 411 and 311 chairs.

A-dec recommends the Medicom SafeShield disposable protective barrier designed exclusively for the A-dec LED dental light to protect your investment. For distribution or sales information on Safe Shield (item #9565), please contact Medicom via email at sales@medicom.ca or Customer Service at 1.800.361.2862 or 514.636.6262.

LED 3-AXIS DENTAL LIGHT CHOICES continued on next page	MOUNTING	CONFIGURED PART NUMBER	PRICE	TOTAL	ITEM PART NUMBER
Radius-style Chair Mounted					
<input type="checkbox"/> 572L Radius-style LED light	<input type="checkbox"/> 511 <input type="checkbox"/> 411 <input type="checkbox"/> 311B	V0195.0186			-
<input type="checkbox"/> 511 Mounting kit for 572 dental light without dual-mount delivery system		V0094.0001			77.1165.00
Support Center Mounted 11., 12.					
<input type="checkbox"/> 571L Support center LED light	<input type="checkbox"/> 500 Lower support arm <input type="checkbox"/> 561 Support center <input type="checkbox"/> 362 Support center <input type="checkbox"/> 363 Support center (2" post)	V0195.0180			-
<input type="checkbox"/> Intermediate post		V0118.0008			28.1624.00
<input type="checkbox"/> Support link		V0090.0001			77.1020.00
<input type="checkbox"/> Lower support arm		V0091.0001			77.1029.00
Central Cabinet Mounted					
<input type="checkbox"/> 574L Central cabinet mount LED light		V0195.0203			-
Wall/Side Cabinet Mounted					
<input type="checkbox"/> 575L Wall/side cabinet mount LED light	<input type="checkbox"/> Wall mount <input type="checkbox"/> 593/595	V0195.0204			-
Ceiling Mounted					
<input type="checkbox"/> 576L Ceiling mount LED light		V0195.0205			-
Ceiling height:	Length of post:				
<input type="checkbox"/> 8' (2,438 mm)	17" (432 mm)	V0089.0018			28.1810.00
<input type="checkbox"/> 8' 6" (2,591 mm)	23" (584 mm)	V0089.0020			28.1810.01
<input type="checkbox"/> 9' (2,743 mm)	29" (737 mm)	V0089.0019			28.1810.02
<input type="checkbox"/> 9' 6" (2,896 mm)	35" (889 mm)	V0089.0017			28.1810.03
<input type="checkbox"/> 10' (3,048 mm)	41" (1,041 mm)	V0089.0013			28.1810.04
<input type="checkbox"/> 10' 6" (3,200 mm)	47" (1,194 mm)	V0089.0012			28.1810.05
<input type="checkbox"/> 11' (3,353 mm)	53" (1,346 mm)	V0089.0014			28.1810.06
<input type="checkbox"/> 11' 6" (3,501 mm)	59" (1,499 mm)	V0089.0016			28.1810.07
<input type="checkbox"/> 12' (3,658 mm)	65" (1,651 mm)	V0089.0015			28.1810.08



Estimated shipping weight: 571 - 35 lb. (16 kg); 572 - 47 lb. (21 kg); Ceiling-Mount - 44 lb. (20 kg); Track-Mount - 54 lb. (25 kg) UPS shipping available

Šviestuvus „A-dec 500 LED“

Šviestuvus
„A-dec 500 LED“

STANDARTINĖS SAVYBĖS

- 1., 9. • Ryškūs balti diodai, šviečiantys 40.000 valandų.
- Trys šviesos intensyvumo nustatymai ir vienas kompozitinis.
- ☒ • Šviestuvo galva reguliuojama trimis ašimis: horizontaliai, vertikaliai, įstrižai.
- ☒ • Specialaus dizaino reflektorius su šviesą išsklaidančiu kontūru ir subalansuoto intensyvumo apšvietimo lauku.
- Valdoma sensoriniu valdymo pulteliu arba vietiniu jungikliu.
- Automatinis įjungimas/išjungimas sinchronizuotas su iš anksto nustatytais paciento kėdžių „A-dec 511“, „411“, „311“ programomis.
- Apie optines specifikacijas skaitykite 100 psl.

Dental Light Specifications

SPECIFICATION	A-DEC LED LIGHT LED 3-AXIS	A-DEC 500 AND 6300 LIGHT HALOGEN 3-AXIS
Rotational axes	Horizontal, vertical, diagonal	Horizontal, vertical, diagonal
Color temperature	3. 5,000K	5,000K
Light pattern	6. 3.8" x 5.7" at 27.6" focal distance (95 mm x 145 mm at 700 mm)	3.3" x 6.3" at 27.6" focal distance (85 mm x 160 mm at 700 mm)
Light intensity	5. Low: 15,000 lux (1394 fc) Medium: 25,000 lux (2323 fc) High: 30,000 lux (2787 fc) 4. Cure-safe Illumination: 25,000 lux (2323 fc) yellow light	Composite: 8,000 lux (743 fc) Medium: 20,000 lux (1858 fc) High: 24,000 lux (2230 fc)
BTUs per hour	24	325
Power consumption	15W	95W
Auto On/Off	Yes	Yes
Mode selection	Yes	Yes
Remote touchpad	Yes	Yes
Local control	Yes	Yes

Šviestuvų specifikacijos

Specifikacija	Šviestuvai „A-DEC LED“ Diodinis, 3 ašių	
Pasukimo ašys	Horizontali, vertikali, įstriža	
Spalvos temperatūra	5000 K	3.
Apšvietimo laukas	3,8“ x 5,8“ prie 27,6“ fokusuojamo atstumo (95 mm x 145 mm prie 700 mm)	6.
Šviesos intensyvumas	Mažas: 15000 lux (1394 fc) Vidutinis: 25000 lux (2323 fc) Stiprus: 30000 lux (2787 fc) Kompozitinis apšvietimas: 25000 lux (2323 fc), geltona šviesa	5. 4.
BTU per valandą	24	
Galingumas	15 W	
Automatinė įjungimo/išjungimo funkcija	Yra	
Režimų pasirinkimas	Yra	
Valdymas sensoriniu valdymo pulteliu	Yra	
Vietinis valdymas	Yra	

A-dec LED

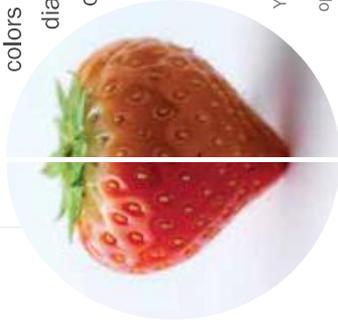
What color is natural?

Seeing colors as nature intended means an accurate representation and mix of the entire color spectrum. With true-to-life tones, a clear diagnosis is that much easier.

Solid performance. A-dec lights begin with proven parts, optically engineered specifically for dentists in their environment. A-dec LED lights are backed by a five-year warranty, but designed for a minimum 20-year life.

2. Easy on the eyes. Innovative light distribution creates a uniform pattern with a “stadium” effect to minimize shadowing, and feathered edge light pattern that reduces eye fatigue.

7. Exceptional illumination. A high color rendering index (CRI) of 94 mimics sunlight’s clarity and floods the oral cavity with light that reflects colors accurately for soft and hard tissue diagnosis. This high-quality light pattern conforms to the latest ISO9680 standards for brightness, color, rendering and uniformity.



You can see the difference when compared to less refined LED operatory lights with a lower color rendering index (CRI).



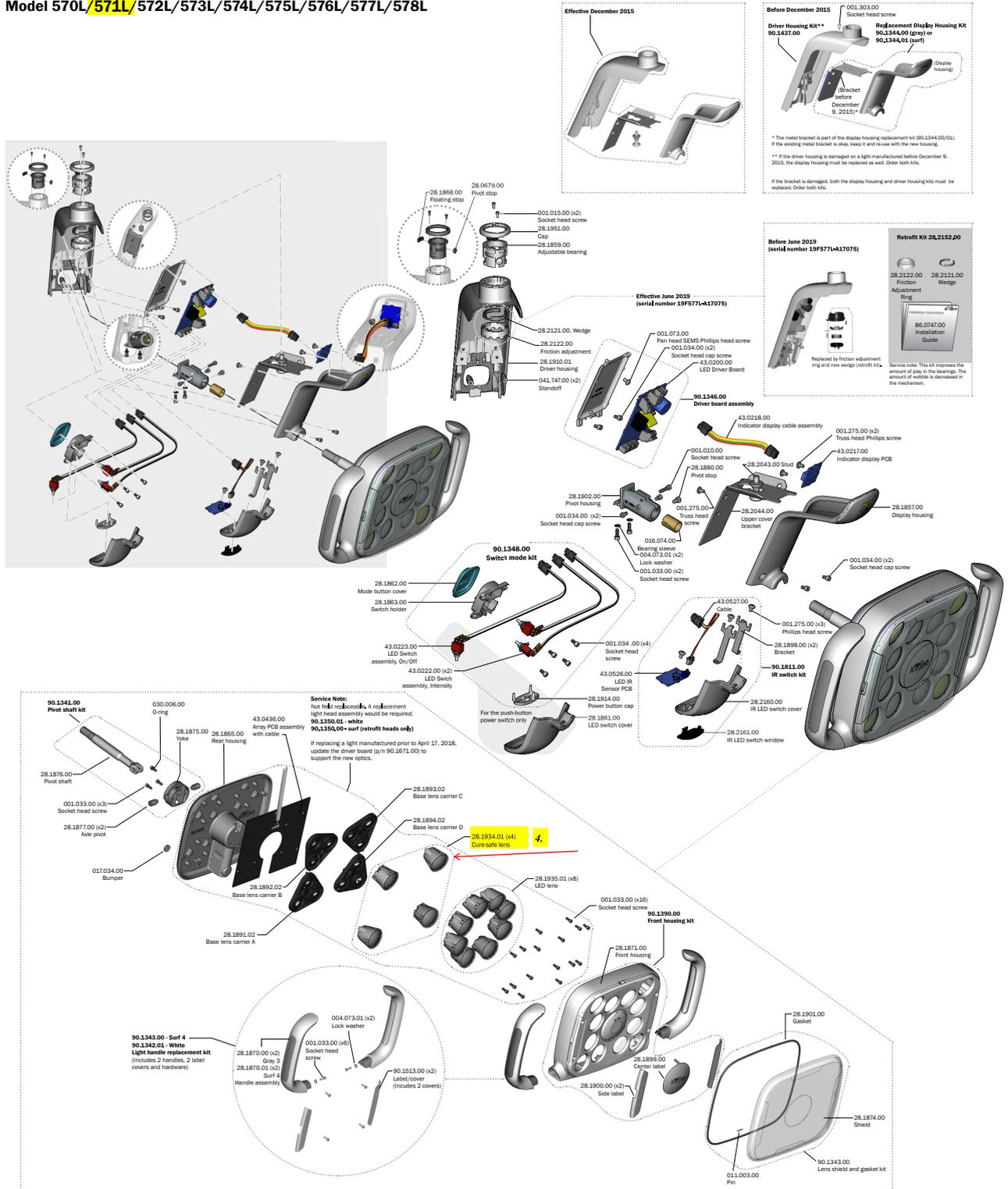
2.

Švelnu akims. Pažangus šviesos išsklaidymas sukuria tolygų apšvietimą su bešešėliu „stadiono“ efektu, o išsklaidytas apšviesto lauko kontūras sumažina akių pavargimą.

7.

Išskirtinis apšvietimas. Aukštas 94 CRI spalvų atkūrimo indeksas atkartoja dienos šviesos ryškumą ir užpildo burnos ertmę šviesa, kuri tiksliai atkuria atspalvius minkštųjų ir kietųjų audinių diagnostikai.

Parts - A-dec 57XL Dental Light Assemblies
Model 570L/571L/572L/573L/574L/575L/576L/577L/578L



Lighting



4

Cure-Safe Mode

The A-dec LED dental light cure-safe mode provides effective illumination while preventing the premature curing of photo-initiated composites, sealants, and adhesives. This mode uses a medium intensity light setting and a non-reactive wavelength of light.

Focal Range

The dental light focus is set for optimum illumination between 16 - 30 inches (400 mm - 750 mm) from the oral cavity. This is a fixed focal range that cannot be adjusted.

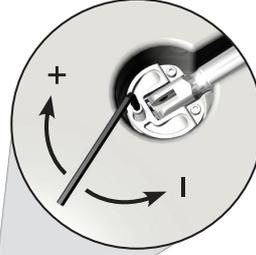
Range of Motion



Three axes of rotation provide a wide range of motion. Use this capability to position the light for a clear view of tooth surfaces and minimal interference with other equipment and the dental team.

Tilt Adjustment

If the forward tilt motion of the light head is too tight or too loose, adjust the tension screw to improve the ease of movement. Using a 7/64" hex key, turn the screw clockwise to increase tension or counterclockwise to decrease tension.



NOTE Other tension adjustments require the removal of specific components. Please contact your authorized A-dec dealer if the light requires additional adjustments.



Apšvietimas



4.

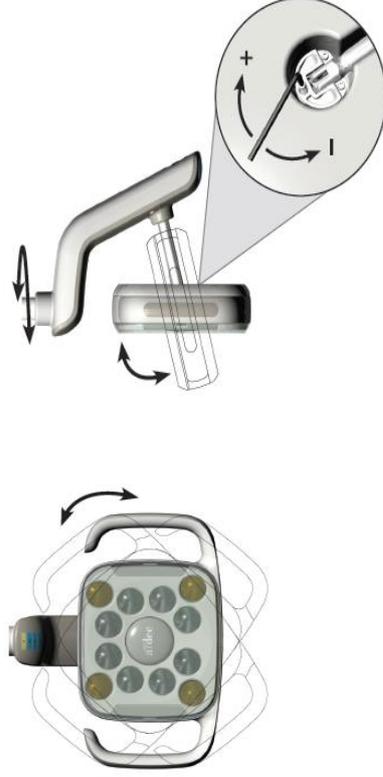
Kompozitinis režimas

Diodinio odontologinio šviestuvo „A-dec“ kompozitinis režimas užtikrina efektyvų apšvietimą ir neleidžia per anksti sukietėti šviesoje kietėjantiems kompozitams, silantams ir klėjams. Šiam režimui naudojama vidutinio intensyvumo šviesa, kurios bangų ilgis nereaktyvus.

Fokusavimo diapazonas

Siekiant užtikrinti optimalų apšvietimą odontologinio šviestuvo fokusavimo diapazonas yra nustatomas 16 - 30 colių (400 mm - 750 mm) nuo burnos ertmės. Tai yra fiksuotas fokusavimo diapazonas, ir jis negali būti reguliuojamas.

Judėjimo diapazonas



Trys sukimosi ašys užtikrina platų judėjimo diapazoną. Pasinaudokite šia savybe, nustatydami šviestuvo padėtį taip, kad gerai matytųsi dantų paviršiai ir su kita įranga atliekamos procedūros.

Pakrypimo reguliavimas

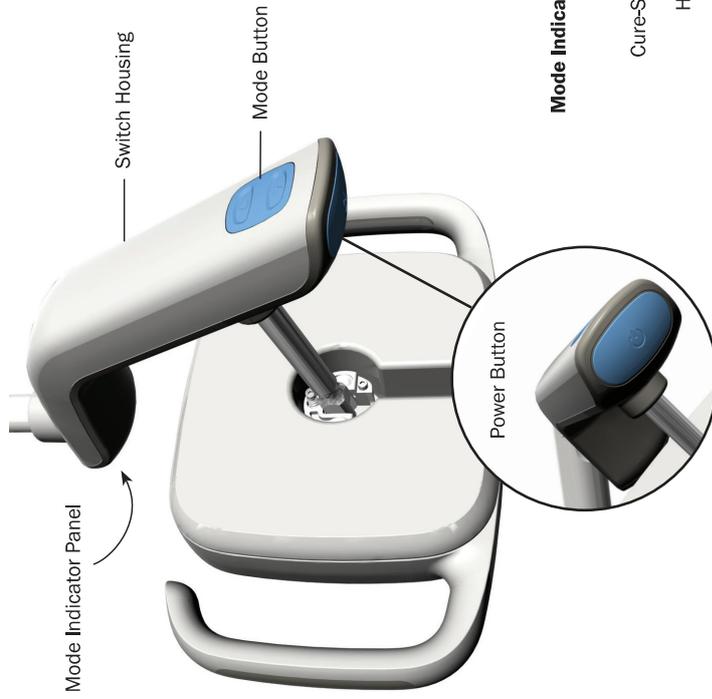
Jei nukreipdami šviestuvo galvą į priekį jaučiate, kad jis juda per sunkiai ar per laisvai, sureguliuokite įtempimo varžtą. Norėdami stipriau suvaržyti, 7/64" šešiabriauniu raktu pasukite varžtą pagal laikrodžio rodyklę, o norėdami atlaisvinti - prieš laikrodžio rodyklę.



PASTABA: Norint atlikti kitus įtempimo reguliavimus, reikia nuimti tam tikrus komponentus. Jei reikia papildomai sureguliuoti šviestuvą, kreipkitės į igaliotąjį „A-dec“ atstovą.

Operate / Adjust

Manual Controls



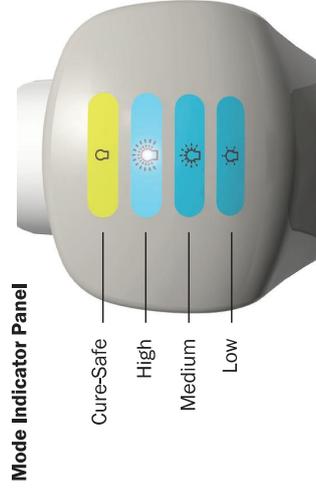
The A-dec LED dental light can be operated with the controls located on the light or on an A-dec touchpad.

Power Button

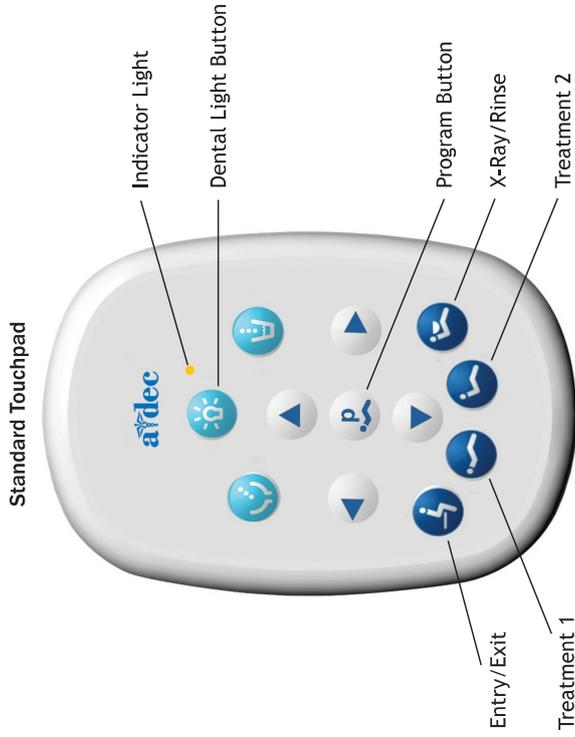
To turn the light on or off, press the power button located at the bottom of the switch housing. To eliminate a potential touch surface, use the back of your hand. If the light does not turn on, verify that the delivery system or chair power is on.

Mode Button

Use the mode button to choose from four intensity levels: low, medium, high, and the cure-safe setting. The illuminated indicator shows the selected mode. The dental light retains the selected mode unless the entire system is turned off, which resets the light to medium intensity.



Touchpad Controls



Other Touchpad Examples



Note: Touchpad symbols are proprietary to A-dec Inc.

Dental Light Button (☀️)

From the touchpad:

- To turn the light on, press and release ☀️.
- To turn the light off, press and briefly hold ☀️.
- To choose the intensity mode, press and release ☀️ until you find the desired mode. When the light is in cure-safe mode, the indicator light on the touchpad flashes.

Dental Light Auto On/Off Feature

The light turns on automatically when the chair back reaches a preset treatment position. The light turns off when you press 🚪 or 🏠. If you press 🏠 again, the chair returns to its previous position, and the light will turn back on.

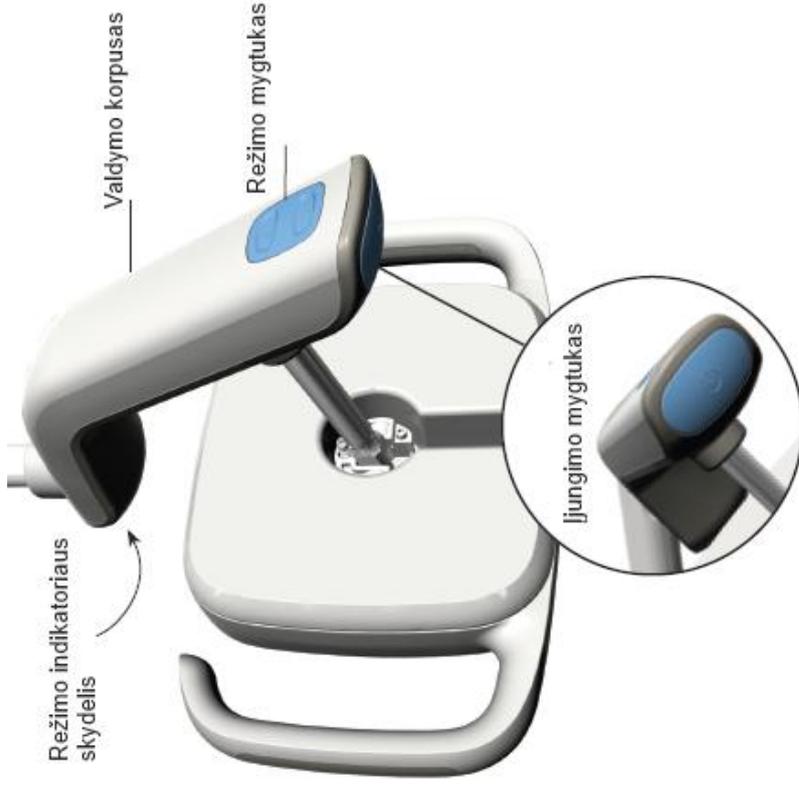
To disable the auto on/off feature, press and hold 🚪 or 🏠 and ☀️ at the same time for three seconds. One beep indicates that the auto on/off function is off. To re-enable, repeat this step. Three beeps indicate that the auto on/off feature is activated.



IMPORTANT Earlier model A-dec touchpads feature different buttons. For more information, please see the *Instructions for Use* that came with your delivery system.

Valdymas / reguliavimas

Rankinis reguliavimas



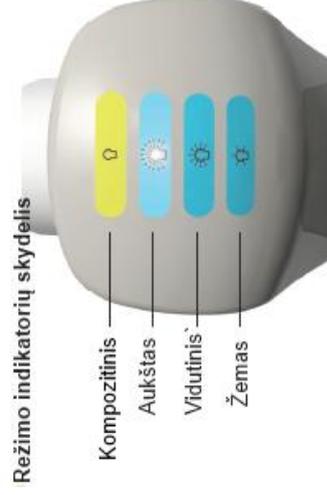
Diodinis odontologinis šviestuvas „A-dec“ gali būti valdomas šviestuve įmontuotais mygtukais arba sensoriniu valdymo pulteliu „A-dec“.

Ijungimo mygtukas [10]

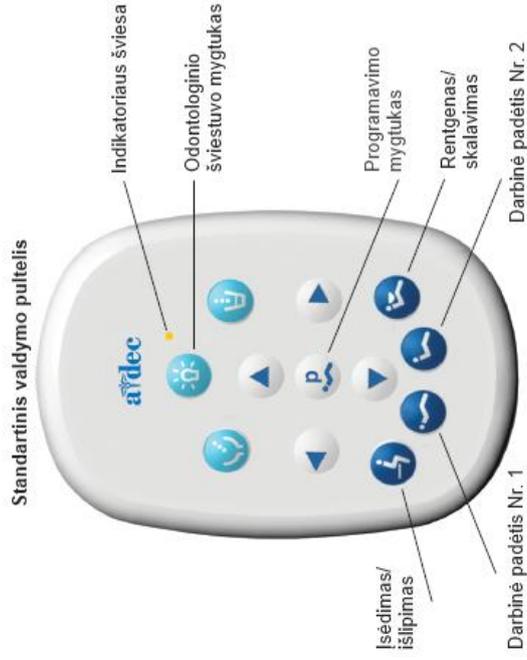
Norėdami įjungti ar išjungti šviestuvą, paspauskite įjungimo mygtuką, esantį valdymo korpuso apačioje. Siekdami išvengti galimo kontakto su paviršiumi, įjunkite mygtuką išorine plaštakos puse. Jei šviestuvas neįsijungia, patikrinkite, ar įjungta valdymo sistema ir kėdės maitinimas.

Režimo mygtukas

Režimo mygtuku galima pasirinkti vieną iš keturių intensyvumo lygių: žemą, vidutinį, aukštą ir kompozitinį. Šviečiantis indikatorius rodo pasirinktą režimą. Odontologinis šviestuvas išlaiko pasirinktą režimą tol, kol išjungiama visa sistema. Tada režimas perkraunamas į vidutinio intensyvumo.



Valdymo pultelio mygtukai



Kiti valdymo pultelių pavyzdžiai



Pastaba: Valdymo pultelio simboliai yra „A-dec“ nuosavybė.

Odontologinio šviestuvo mygtukas ()

Valdymo pultelyje:

- Norėdami įjungti šviestuvą, paspauskite ir atleiskite .
- Norėdami išjungti šviestuvą, paspauskite ir trumpai palaikykite .
- Norėdami pasirinkti intensyvumo režimą, spauskite ir atleiskite , kol rasite norimą režimą. Kai šviestuvas veikia kompozitiniu režimu, valdymo pultelio indikatoriaus šviesa mirksi.

Automatinis odontologinio šviestuvo įsijungimas/išsijungimas

Šviestuvą įsijungia automatiškai, kai kėdės atlošas pasiekia darbinę padėtį. Šviestuvą išsijungia, paspaudus arba . Vėl paspaudus , kėdė grįžta į pradinę padėtį ir šviestuvą vėl išsijungia.

Norėdami išjungti automatinio įsijungimo/išsijungimo funkciją, kartu paspauskite ir tris sekundes palaikykite arba ir . Vienas garsinis signalas rodo, kad automatinio įjungimo/išjungimo funkcija yra išjungta. Norėdami ją vėl įjungti, pakartokite šį veiksmą. Trys garsiniai signalai rodo, kad automatinio įjungimo/išjungimo funkcija yra aktyvuota.

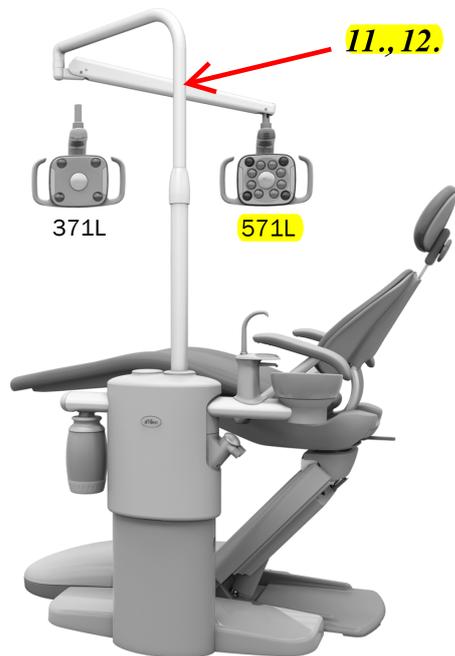
SVARBU: Senesnių „A-dec“ valdymo pultelių modelių mygtukai yra kitokie. Daugiau informacijos rasite *Naudojimo instrukcijoje*, kurią gausite su Jums pristatyta sistema.





A-dec 371L or 571L Dental Light on an A-dec 361, 362, or 363 Support Center

INSTALLATION GUIDE



Before You Begin



WARNING Failure to turn off or disconnect the power before you begin this procedure can lead to product damage and result in serious injury or death.



ATTENTION Circuit boards are sensitive to static electricity. Electrostatic Discharge (ESD) precautions are required when touching a circuit board or making connections to or from the circuit board. Circuit boards should be installed only by an electrician or qualified service person.

1. Turn off the power to the system before you begin the installation.

Warranty for A-dec Products

Terms & Conditions

SCOPE

A-dec warrants all goods listed below against defects in material or workmanship under normal intended use, when purchased from A-dec or an authorized A-dec dealer. A-dec's sole obligation under the warranty is to provide parts for the repair, or replacement of any defective component with one that is equivalent to the original in performance. **This warranty is in lieu of all other warranties or obligations express or implied. A-dec expressly disclaims all implied warranties of merchantability or fitness for a particular purpose. In no event will A-dec be liable for indirect, special, incidental, exemplary, or consequential damages of any kind.**

The repair or replacement of components is contingent upon A-dec's styles and color options available at the time of the warranty claim. If a warranty claim is filed after a product or color has been discontinued, A-dec reserves the right to honor the warranty in one of the following ways:

1. Replace the affected component with a new component in the same style and/or color.
2. Replace the affected component, and other product components in the operatory with a product style and/or color similar to the originally purchased style and/or color.

The buyer shall have no other remedy. The warranties set forth herein provide specific legal rights. Additional rights may exist, based on the jurisdiction of purchase and use of the product to the extent that those rights apply to this agreement. Warranty exclusions are identified in the following sections. Written notice of product failure must be given to A-dec within the warranty period.

PERIOD

The warranty period, measured from the date of delivery, shall be as follows:

GOODS	WARRANTY
Hydraulic Dental Chair Cylinder (tilt and lift)	10 years
All Dental Chairs, Operator and Assistant Stools, Dental Lights, Delivery Systems, Monitor Mounts, Dental Furniture, and related components	5 year
A-dec EA-53 Electric Motor, Tubing, and Control Modules <i>(warranted per item V. in Exclusions)</i>	2 years
A-dec NLX Electric Motors and Control Module <i>(warranted per item V. in Exclusions)</i>	1 year

16.

Components replaced under warranty or purchased retain the balance of the original product warranty or are warranted for 1 year after delivery (whichever is greater).

EXCLUSIONS

The warranty does not cover:

- I. Damage resulting from improper installation or maintenance, accident, misuse, abuse, neglect, alterations, freight damage, or natural disaster.
- II. Damage resulting from the use of chemicals and process for cleaning, disinfecting, or sterilization.
- III. Normal service items such as (but not limited to): light shields, light bulbs, filters, o-rings, handpiece tubing, and water cartridges. Also, normal wear and tear is not covered.
- IV. Consumable products held beyond the expiration date shown on the packaging.
- V. All other products, not manufactured by A-dec, including OEM, follow the original manufacturer's warranty, and are not covered by A-dec's warranty. Examples include, but not limited to: sterilizers, maintenance equipment, cameras, curing lights, ultrasonics, control modules, electric motors, attachments, handpieces, and turbines. Please contact A-dec Customer Service for specific warranty information.

Failure to follow A-dec Instructions for Use (operation and maintenance instructions) will void the warranty.

This warranty is effective for all new A-dec products, delivered after January 1, 2015.

„A-dec“ gaminių garantija

LAIKOTARPIS

Garantijos laikotarpis, skaičiuojamas nuo pristatymo datos, yra toks:

PREKĖS	GARANTIJA
Hidraulinis paciento kėdės cilindras (lenkimas ir kėlimas)	10 metų
Visos paciento kėdės, gydytojo ir asistento kėdutės, odontologiniai šviestuvai, valdymo sistemos, monitorių laikikliai, odontologiniai baldai ir kiti susiję komponentai	5 metai
Elektrinis variklis „A-dec EA-53“, žarnos ir valdymo blokai (garantija suteikiama kiekvienam komponentui atskirai su kai kuriomis išimtimis)	2 metai
Elektriniai varikliai „A-dec NLX“ ir valdymo blokai (garantija suteikiama kiekvienam komponentui atskirai su kai kuriomis išimtimis)	1 metai

16.