

Utils

Lists

To learn more

Side navigation

NavView

Files

Popovers

Time nicker

Form

Also you can use attribute `data-dynamic-position` to change keys position after user key clicked.

- Video player
- Audio player
- Tools
 - Collapse
 - Color module
 - Draggable
 - Dropdown
 - Form validator
 - Hotkeys
 - Micro templates
 - Ripple
 - Storage
 - Session storage
 - Sorter
 - Touch and swipe

- Utilities
- Animations
- Additional

```
<input type="text" data-role="keypad" data-dynamic-position="true">
```

Additional target for value

You can set **additional** target for `value` . To set additional target for value use attribute `data-target` with target selector. **Selector** - a string containing a selector expression to match elements against.

Enter pinMirror pin

```
<input type="text" data-role="keypad" data-target="#keypad_target">
<input type="text" id="keypad_target" readonly>
```

Constraints

You can set attribute `data-key-length` to limit the number of characters to be entered.

Enter the six-digit pin

```
<input type="text" data-role="keypad"
placeholder="Enter the six-digit pin" data-key-length="6">
```

Shuffle

You can use attribute `data-shuffle` to change keys data position after each key entering.

```
<input type="text" data-role="keypad" data-shuffle="true">
```

Also you can combine `shuffle` action with `dynamic position` .

```
<input type="text" data-role="keypad"
data-shuffle="true" data-dynamic-position="true">
```

Customize

Component `keypad` contains special options for customizing. To customize keypad use options with prefix `cls` or relevant attributes `data-cls=*` .

```
<input type="text"
data-role="keypad"
data-position="top"
data-cls-keypad="info"
data-cls-input="bg-green fg-white"
data-cls-keys="bg-cyan fg-white"
data-cls-backspace="bg-darkOrange fg-white"
data-cls-clear="bg-darkRed fg-white">
```

Events

When `keypad` works, it generated the numbers of events. You can use callback for this event to behavior with component.

Event	Data-*	Desc
onChange(val, el)	<code>data-on-change</code>	Fired when value changed
onClear(el)	<code>data-on-clear</code>	Fired when user click clear button
onBackspace(value, el)	<code>data-on-backspace</code>	Fired when user click backspace button
onShuffle(new_keys_order, keys, el)	<code>data-on-shuffle</code>	Fired when keys is shuffling
onKey(key, value, el)	<code>data-on-key</code>	Fired when user click key
onKeypadCreate(el)	<code>data-on-keypad-create</code>	Fired when keypad is created

Enter a pinPin is:

```
<div class="row">
  <div class="cell-md-6">
    <input placeholder="Enter a pin"
    type="text" data-role="keypad"
    data-on-change="$(' #change_target').val(arguments[0]) ">
  </div>
  <div class="cell-md-6">
    <input type="text" data-role="input"
    id="change_target" data-prepend="Pin is: "
    data-clear-button="false" readonly>
  </div>
</div>
```

</div>

Methods

Component `.keypad` contains method to interact with keypad.

- **val(v)** - get or set value
- **open()** - open keys panel
- **close()** - close keys panel
- **setPosition(pos)** - set new position
- **shuffleKeys(iteration)** - shuffle

1	2	3
4	5	6
7	8	9
0	←	×

Shuffle keys

```
<div class="row">
  <div class="cell-md-6">
    <button class="button"
      onclick="$('#keypad_methods').data('keypad').shuffleKeys(10)">
      Shuffle keys
    </button>
  </div>
  <div class="cell-md-6">
    <input data-role="keypad" id="keypad_methods"
      data-open="true" data-position="top">
  </div>
</div>
```

Additional classes

You can use additional classes to change input size: `.input-large` and `.input-small`.

Input small

Input regular

Input large