

# TimePicker

To select/input a time.

## When To Use

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By clicking the input box, you can select a time from a popup panel.

## API

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```
import moment from 'moment';  
  
<TimePicker defaultValue={moment('13:30:56', 'HH:mm:ss')} />;
```

| Property     | Description                         | Type      | Default | Version |
|--------------|-------------------------------------|-----------|---------|---------|
| allowClear   | Whether allow clearing text         | boolean   | true    |         |
| autoFocus    | If get focus when component mounted | boolean   | false   |         |
| bordered     | Whether has border style            | boolean   | true    |         |
| className    | The className of picker             | string    | -       |         |
| clearIcon    | The custom clear icon               | ReactNode | -       |         |
| clearText    | The clear tooltip of icon           | string    | clear   |         |
| defaultValue | To set default time                 | moment    | -       |         |

| Property            | Description  | Type                      | Default              | Version |
|---------------------|--|---------------------------|----------------------|---------|
| disabled            | Determine whether the TimePicker is disabled   | boolean                   | false                | 4.19.0  |
| disabledTime        | To specify the time that cannot be selected  | DisabledTime              | -                    |         |
| format              | To set the time format   | string                    | <b>HH:mm:ss</b>      |         |
| getPopupContainer   | To set the container of the floating layer, while the default is to create a div element in body | function(trigger)-        |                      |         |
| hideDisabledOptions | Whether hide the options that can not be selected  | boolean                   | false                |         |
| hourStep            | Interval between hours in picker   | number                    | 1                    |         |
| inputReadOnly       | Set the <b>readonly</b> attribute of the input tag (avoids virtual keyboard on touch devices)    | boolean                   | false                |         |
| minuteStep          | Interval between minutes in picker   | number                    | 1                    |         |
| open                | Whether to popup panel   | boolean                   | false                |         |
| placeholder         | Display when there's no value  | string   [string, string] | <b>Select a time</b> |         |

| Property          | Description   | Type   | Default                 | Version |
|-------------------|---|--|-------------------------|---------|
| placement         | The position where the selection box pops up                            | <code>bottomLeft</code><br><code>bottomRight</code><br><code>topLeft</code><br><code>topRight</code> | <code>bottomLeft</code> |         |
| popupClassName    | The className of panel  | string   | -                       |         |
| popupStyle        | The style of panel  | CSSProperties  | -                       |         |
| renderExtraFooter | Called from time picker panel to render some addon to its bottom        | <code>() =&gt; ReactNode</code>  | -                       |         |
| secondStep        | Interval between seconds in picker                                      | number   | 1                       |         |
| showNow           | Whether to show <b>Now</b> button on panel                              | boolean  | -                       | 4.4.0   |
| status            | Set validation status   | <code>'error'   'warning'   'success'   'validating'</code>  | -                       | 4.19.0  |
| suffixIcon        | The custom suffix icon  | ReactNode  | -                       |         |
| use12Hours        | Display as 12 hours format, with default format <b>h:mm:ss a</b>        | boolean  | false                   |         |
| value             | To set time   | moment   | -                       |         |
| onChange          | A callback function, can be executed when the selected time is changing | <code>function(time: moment, timeString: string): void</code>  | -                       |         |

| Property     | Description  | Type                         | Default | Version |
|--------------|--|------------------------------|---------|---------|
| onOpenChange | A callback function which will be called while panel opening/closing | (open: boolean) => void      | -       |         |
| onSelect     | A callback function, executes when a value is selected               | function(time: moment): void | -       |         |

### DisabledTime

```
type DisabledTime = (now: Moment) => {
  disabledHours?: () => number[];
  disabledMinutes?: (selectedHour: number) => number[];
  disabledSeconds?: (selectedHour: number, selectedMinute: number) => number[];
};
```

### Methods

| Name    | Description  | Version |
|---------|--------------|---------|
| blur()  | Remove focus |         |
| focus() | Get focus    |         |

### RangePicker

Same props from RangePicker of DatePicker. And includes additional props:

| Property     | Description                                 | Type              | Default | Version |
|--------------|---|-------------------|---------|---------|
| disabledTime | To specify the time that cannot be selected | RangeDisabledTime |         | 4.19.0  |
| order        | Order start and end time                    | boolean           | true    | 4.1.0   |

### RangeDisabledTime

```
type RangeDisabledTime = (
  now: Moment,
```

```
    type = 'start' | 'end',
  ) => {
    disabledHours?: () => number[];
    disabledMinutes?: (selectedHour: number) => number[];
    disabledSeconds?: (selectedHour: number, selectedMinute: number) => number[];
  };
}
```

## FAQ

- How to use TimePicker with customize date library like dayjs