DIVUS MÜLLPLANER

GENERAL INFORMATION

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Please read the manual before beginning and keep the manual for later use.

The manual has been conceived and written for users who are experienced in the use of PCs and automation technology.

This version of the manual is based on the following version(s):

- DIVUS TOUCHZONE image R3.4

- DIVUS MÜLLPLANER v. 1.0 rev. 13

CONVENTIONS

[KEYS]	Keys that are to be pressed by the user are given in square brackets, e.g. [CTRL] or [DEL]
COURIER	On-screen messages are given in the Courier font, e.g. `C:\>`
COURIER BOLD	Keyboard input to be made by the user are given in Courier bold, e.g. `C:\>DIR).`
„..."	Names of buttons to be pressed, menus or other onscreen elements and product names are given within double quotes. (e.g. "Configuration").
PICTOGRAMS	In this manual the following symbolic are used to indicate particular text blocs.
⚠	Caution! A dangerous situation may arise that may cause damage to material.
ⓘ	Hint Hints and additional notes
NEW	New New features

The terms "DIVUS TOUCHZONE" and "DIVUS TZ" or simply "TZ" all point out the same product.

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1   Introduction

DIVUS MÜLLPLANER aims to help to organize and remind of disposing household waste and garbage, letting the user focus on more important things. The app offers a calendar to have an overview over past and coming garbage pickups and by a simple click on a day it's possible to remove existing pickups and easily add new colored pickups with predefined intervals. Further, also various notifications to remind in advance of upcoming pickups can be set and also management of holiday is possible. With the app DIVUS MÜLLPLANER one of the housekeeping chores becomes as easy as can be.

Further information about the app DIVUS MÜLLPLANER can be requested by contacting the technical support of DIVUS.

1.1   PREREQUISITES

DIVUS MÜLLPLANER requires Android 5.0.2 (API 21) or higher to run, the app will be unable to install on devices running a lower Android version. Additionally, DIVUS MÜLLPLANER is designed to be used exclusively on the DIVUS TOUCHZONE running Android 5 or higher – on other devices (which still satisfy the minimum required Android version) the app will still be able to install, but when launched it will show the following warning:
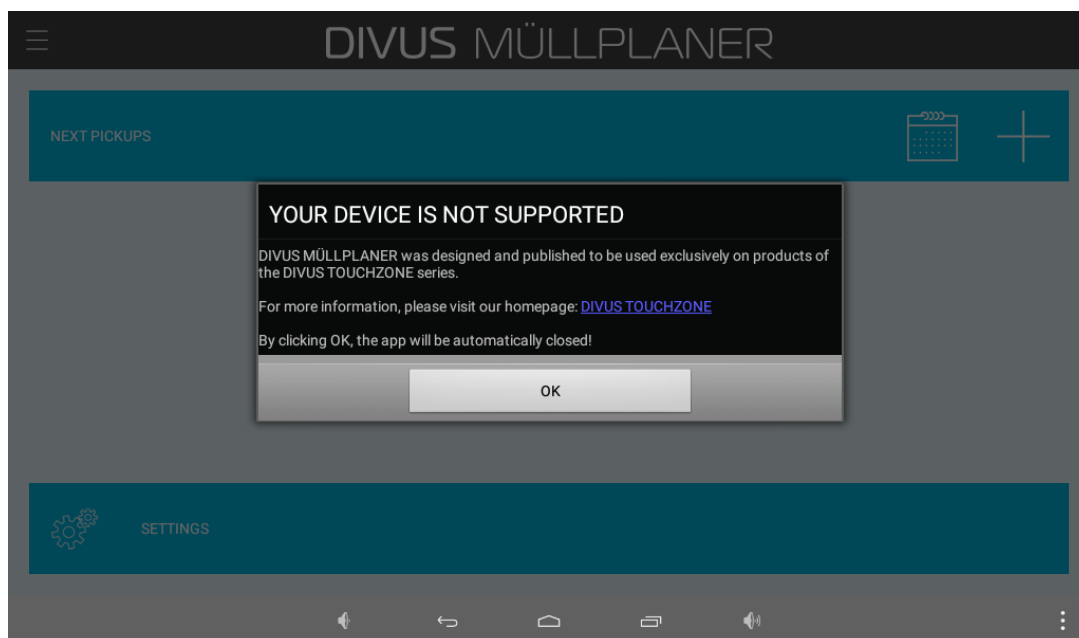
1.2   FIRST START

If your device supports DIVUS MÜLLPLANER, when launching the app the first time a first initialization is performed. Afterwards you will find the following empty screen, as no pickups are yet configured.

2 Main view

The main view of DIVUS MÜLLPLANER consists of an overview of the upcoming pickups and easy access to settings and calendar.

If there are any upcoming pickups present in the calendar, then the next 5 pickups are displayed here. By pressing the calendar icon on the top right it's possible to open the calendar, displaying the current month, pressing the top right "+" button will open the view to configure the pickups for the current day. The button on bottom allows to open the settings of the app. On the very top to the left there is a button to open the side menu, which some of the same functionality as the buttons already described.

2.1   SIDE MENU

The top left buttons allows to open/close the side menu, alternatively also possible through a swipe movement from the left edge of the screen. The side menu offers access to calendar (opening it for the current month), app settings and app information. The app information shows information about the app version and how to contact DIVUS, the other entries will be discussed separately.

3   Settings

The settings are accessible through the side menu, or the corresponding button in the main view.
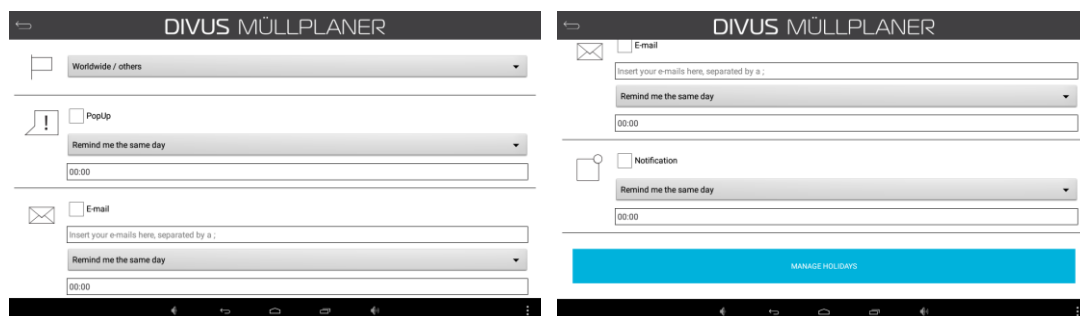
In the first drop-down menu it's possible to select which standard holiday should be displayed in the calendar. "Worldwide / others" does not display any holiday, whereas the other options show the corresponding holidays. Single holidays can also be removed or new one added, as will be explained later.

ⓘ Default holidays are restricted to german-speaking regions.

In the next sections it's possible to configure various methods to be informed when a pickup is due, which include: e-mail (a brief e-mail will be send to the configured e-mails), notifications (a notification will appear in the top status/notification bar of the device) and popup (a popup will appear on the device). For each of these methods it's possible to configure the time and how much in advance the notification should be displayed.
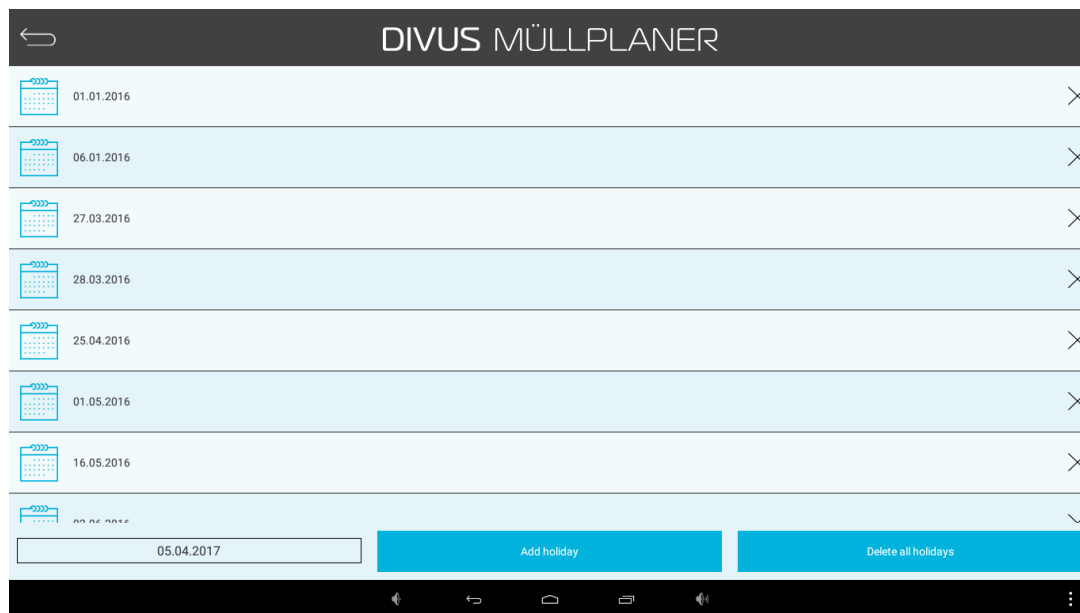
ⓘ Multiple e-mail addresses can be added, each one separated by a ";", e.g.: address1@mail.com;address2@mail.com,address3@mail.com

The bottom button allows to open an overview of the current used holidays.

3.1   HOLIDAYS

When holidays have been selected, it's possible to view the currently used holidays in the settings.

Each holiday has its own "x" button through which it's possible to delete a single holiday. Alternatively with the bottom right button all holidays can be deleted at once. Clicking the bottom left date opens a dialog which allows to select a date, which then can be added to the holidays with the bottom middle button.

Holidays will be marked highlighted in color in the calendar.

If all holiday are deleted, they can be retrieved again by switching the holidays to "Worldwide / others" and then select again the desired region. By doing so, all basic holiday of the previously selected region will be removed and the new ones added (again). Holidays which have been added manually persist.

Holidays provided in the app range from 01.01.2022 to 31.12.2026. Be awar that there is no guarantee for the holidays to be exact and they may need manual adjustment.

4   Calendar

The core of the app is the calendar, which also contains and allows to configure pickups. The calendar is accessible either through the side menu or the corresponding button in the main view. Here is some example of how the calendar may look like:

To the left a realistic example can be seen, with the days of the month of holidays in color. The right image instead shows how the garbage bins are dynamically allocated in each day, depending on the orientation of the device and the amount of bins. The app provides 11 nameless colored bins which are: yellow, orange, red, green, blue, black, gray, brown, bio, electric, bulky.

Switching to the previous/next month is possible by swiping left and right on the calendar. By clicking anywhere on the top blue bar which displays the current month a dialog will appear, through which it's possible to select a distant month in the past/future. Clicking on any day will open a new screen where the already added pickups can be managed or new ones added. The same screen for the current day will open if in the main view a click on the "+" button is done.

4.1   PICKUP MANAGEMENT

The following screen show the view to manage pickups for a given day, or add new ones.

The small textbox on the left in the above screenshot shows April 10th 2017, by clicking on this date a dialog will show up through which it's possible to jump to other dates. The upper half of the screen allows to select a new trashcan to add (the current selection is within a black box) and through the drop-down menu the interval can be selected: only this day or every 2-10 days, every week or every 2-10 weeks. Additionally, depending on the currently selected date 2 additional options are available: repeat every x-th day of week of the month, or repeat every x-th day of the month. Having selected April 10th 2017, these options correspond to "repeat ever 2. Monday of the month" and "repeat every 10. of the month". Pressing the save button will calculate all the dates, add the new pickups and return to the calendar.

When adding a date which can't be satisfied for all months (e.g. "every 31. of the month" or "every 5th Friday of the month"), then months which can't satisfy such constraint are ignored and no pickup will be added for them.

Though the calendar is virtually capable to represent every possible date, only dates between 01.01.2022 and 31.12.2026 are considered when adding pickups. Pickups outside this range will not be added.

The shorter the interval between the pickups, the more pickups will be created, thus the longer the app needs to add/manage these pickups and their alarms, which may results in longer loading time.

If some pickups are already added for the selected day they are displayed in a scroll list in the lower half of the screen. There it's possible to either delete the pickup for the given day only, or delete from the calendar every pickup with this type of trashcan.