



QUIK Android X workstation

User's Manual

Version 3.2



Contents

1. Overview.....	3
2. Getting started	3
2.1 Equipment and software requirements	3
2.2 Installation.....	3
2.3 Login	4
2.4 Two-factor authentication.....	6
2.5 Navigation.....	6
2.6 Sign out.....	7
2.7 Error messages	7
3. Viewing information.....	9
3.1 Quotes	9
3.2 Instrument's parameters.....	13
3.3 Orders	19
3.4 Portfolio.....	23
3.5 Notifications	26
3.6 News	30
3.7 Instructions	31
3.8 Trader messages	34
3.9 System messages.....	35
3.10 Settings.....	35
3.11 Search instrument	36
4. Order entry.....	37

Send your comments and suggestions regarding this Manual
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1. Overview

QUIK Android X workstation is a client application for the QUIK system working on mobile phones running the Android operating system. The application connects to the QUIK server of a certain broker and allows receiving market data in real time and conducting trading operations.

The application provides the following services:

viewing current quotes for exchange instruments;

- monitoring current status of the portfolio;
- placing orders, concluding trades;
- monitoring trading on charts;
- sending instructions for withdrawal of funds;
- setting up notifications;
- receiving relevant financial news;
- messaging.

2. Getting started

2.1 Equipment and software requirements

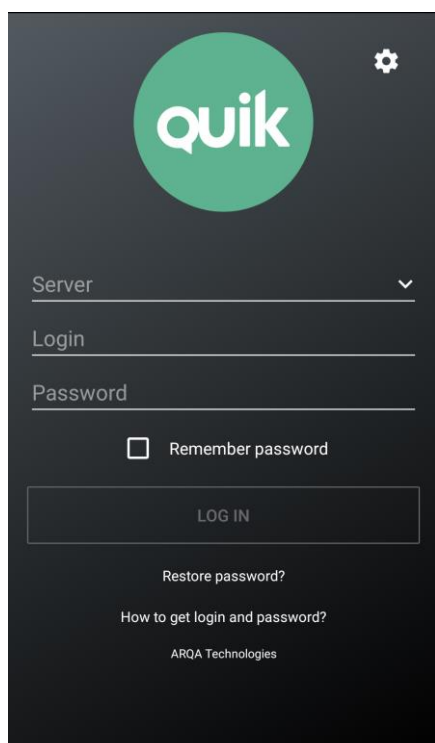
For detailed system and software requirements, see the official [website of QUIK](#).

2.2 Installation

To start working with QUIK Android X, download the application from Google Play and install it.

2.3 Login

After the application starts, the authorization window opens.



Enter the server address, login and password received from the broker and tap **LOG IN**. If you don't have a brokerage account, contact the broker.

If the **Remember password** check box is selected, the application stores a password. Further you will not have a necessity to enter it each time anew. The current password can be changed in the program settings (see [2.3.3](#)).

The application supports two-factor authentication for additional security of QUIK system user data from unauthorized access (see [2.4](#)).

The password to login the application can be restored without a personal visit to the broker by clicking on the **Restore password?** link (see [2.3.4](#)).

2.3.1 Fingerprint

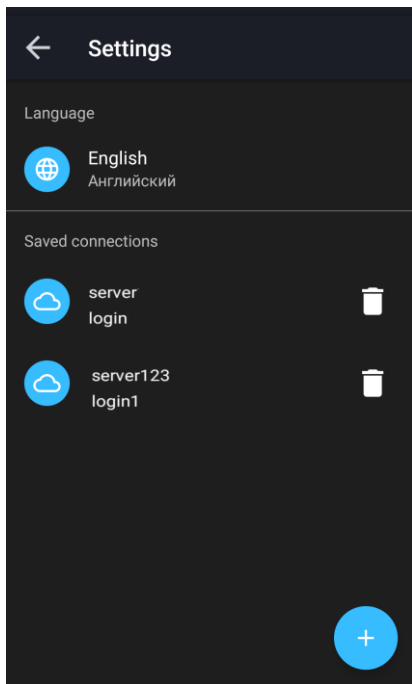
By default, authorization by login and password is used in the application. A user can set up the authorization by fingerprint if it is supported by the device. To do this enable the switch **Use fingerprint** (see [3.10](#)) in the application settings.

After the authorization is completed, the application window opens.

2.3.2 Authorization settings

The window is used to change the application language and the server connection settings.

To open the **Settings** window, tap the  icon at the top right corner of the authorization screen.



The window contains the following settings:

Language — select the interface language. Available languages: **Russian** (Русский) / **English** (Английский).

- **Saved connections** — list of servers addresses added by the user and saved while logging in to the application.
- To add a server address, tap the  icon. To delete the server address, tap the  icon.

2.3.3 Change password

You can change the current password through the **Change Password** item in the **Settings** window (see [3.10](#)). To change the password, enter the old password and twice the new one. The password must contain at least 8 characters and consist of uppercase, lowercase letters and numbers. Valid characters:

- letters of the Latin alphabet: a - z, A - Z;
- numbers: 0 - 9;
- symbols: «_», «-».

2.3.4 Restore password

The restore password functionality available with two-factor authentication and is configured on the broker side.

Restore Password operation is performed on the login window.

When you click on the **Restore password?** link in the login window, the user identification window opens.

After successful identification, the PIN code entry window opens. When a PIN code entered correctly, a new password is sent to the user by SMS.

If restoring is not possible, a corresponding message is displayed on the screen.

2.4 Two-factor authentication

The application supports two-factor authentication for additional security of QUIK system user data from unauthorized access (if the broker uses this functionality).

After you type the user name and password, the window with the box for entering the confirmation code sent by SMS or access code from the scratch card will appear. If the entered code is correct, the application window will appear, and the data reception will start. If the entered code is incorrect, the code needs to be entered again.

Notes:

1. **When the number of attempts to enter the confirmation code / codes from the scratch card is exceeded, the application session stops, the authorization screen opens.**
2. **After you log out of the application by selecting Sign out  on the additional menu and then reconnect, re-authentication is required.**

2.5 Navigation

2.5.1 Menu

The main application windows are opened from the bottom navigation bar, which is located at the bottom of each application window:

-  **Quotes** – view available instruments and conduct trade operations (see [3.1](#)).
-  **Orders** – view user orders, stop orders and trades (see [3.3](#)).
-  **Portfolio** – view user portfolio (see [3.4](#)).
-  **Notifications** – view user notifications about the occurrence of events that have assigned conditions (see [3.5](#)).
-  **More** – open the additional menu. This menu provides access to additional program options. For the list of additional menu options and their purpose, see [2.5.2](#).

The windows that open from the main windows or from the additional menu are additional.

To open the previous screen you were working in, tap the  icon at the top left corner of the window or tap the **Back** button on your device.

2.5.2 Additional menu

To open the additional menu, tap the  icon in the bottom right corner of the window. The additional menu has the following options:

-  **News** – view information agencies news (see [3.6](#)).
-  **Instructions** – view and add new client's instructions (see [3.7](#)).
-  **Trader messages** – view the list of messages and messaging with other users (see [3.8](#)).

-  **System messages** – view system messages (see [3.9](#)).
-  **Settings** – set up the program parameters (see [3.10](#)).
-  **New in version** – view information about futures in application.
-  **Sign out** – sign out of the application. Selecting this option interrupts the application session and opens the authorization screen.

In the  **More** section next to **Instructions** and **Trader messages**, the number of unread messages and instructions in **Waiting confirm** status is correspondingly displayed. The number of all unread messages and instructions in **Waiting confirm** status is displayed next to the additional menu icon . If the number is greater than 9 then 9+ is displayed.

2.6 Sign out

To log out of the application, select the **Sign out**  option on the additional menu. After that the authorization screen will appear.

Also, exit from the application occurs by clicking on the **Back** button on the device, only from the main application windows.

2.7 Error messages

- Connection failed.
 - _ Check the Internet connection.
 - _ Make sure that the Server, Login and Password boxes are filled and contain the correct values.
 - _ Try connecting again later.
- Connection to QUIK server is unavailable.
 - _ Connection to the QUIK server is not available. Try connecting again later.
- Unable to establish secure connection
The certificate has expired or there is no certificate on the broker server.
- Invalid login or password.
 - _ Make sure that the English keyboard layout is selected.
 - _ Make sure that your login and password are typed correctly.

Type your login and password using the keyboard and do not copy them from the clipboard, because you could accidentally copy an extra space and not be able to log in.

- If you still can't log in, contact the broker.
- The user with the specified identifier is already working in the system.
 - QUIK workstation on the computer or the application on another device, which already uses your access keys, may have been started.
- User's login is blocked. Please, contact your broker.
 - Contact the broker for more information.
- The access is blocked by administrator.
 - Contact the broker for more information.
- Cannot enter instruction.
 - Try to send the instruction again later.
- The application has encountered a problem. Tap OK to send the diagnostic info.
 - An unknown error occurred. Tap OK to send the diagnostic information.
- Connecting...
 - Connection to the server is interrupted. The connection will be restored automatically.
- Service is unavailable.
 - In the notification settings, the Service activity parameter is disabled (see [3.5.1](#));
 - The service is disabled on the server. Contact the broker for information.
- This terminal type is not allowed to connect for your account. Please contact your broker.
 - Contact the broker for more information.

3. Viewing information

3.1 Quotes



Instrument	Last	Change	% of last change
Kamchatskenergo	0.000	-	0.00
MoscowExchange	92.95	+2.17	+2.39
EURRUB_TOD - EUR	0.0000	-	0.00
EURRUB_TOM - EUR	0.0000	-	0.00
Uralkaliy	0.00	-	0.00
United Company R	0.000	-	0.00
Gazprom BO-20	0.00	0.00	0.00
Alfa-Bank BO-14	0.00	0.00	0.00
Aeroflot	103.12	-2.48	-2.35
GPB Aerofinance	0.00	0.00	0.00
LUKOIL	0.0	-	0.00

Tap the  icon on the bottom navigation bar to open the **Quotes** window.

The window displays the current trading parameter values for added instruments.

At the top of the screen, the following icons are displayed:

-  – instrument search (see [3.11](#)).
-  – open the additional menu for the window with the following options:
 - **Quote lists** – view and edit the quotes lists (see [3.1.2](#)).
 - **Edit list** – view and edit the instrument lists in quotes list (see [3.1.1](#)).
 - **List parameters** – view and edit the quotes list parameters (see [3.1.3](#)).

When you first start the application, the window does not contain any instruments. You need to add instruments to the list of quotes (see [3.1.1](#)).

The following parameters are displayed in the window for instruments you have added:

- **Instrument** – name of the instrument.
- **Last** – price of the last trade.
- *** Change** – price change from the closing price.
- *** % of last change** – price change from the closing price, as a percentage.

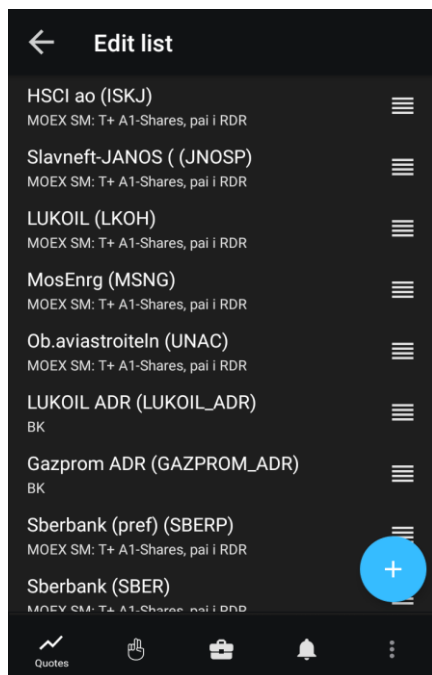
(*) Parameter values are highlighted in color: green for positive price change, red for negative.

To sort the values in the list by a specific parameter, touch the parameter header.

Viewing and editing the parameters of the list of quotes are available in the **List parameters** window (see [3.1.3](#)).

To view the instrument parameters, touch the corresponding line (see [3.2](#)).

3.1.1 Editing the instrument list



To open the **Edit list** window tap the  icon at the top right corner of the **Quotes** window and select **Edit list**.

The window is used to view and edit the instrument list for the quotes list.

By default, the window does not contain any instruments.

Add an instrument

1. Tap the  icon.
2. Type a value in the search box (see [3.11](#)).
3. Tap the  icon next to the instruments you want to add. If the instrument is added to the quotes list, the  icon appears next to it.

Another method to add an instrument is to use the search instrument window opened from the **Quotes** window (see [3.11](#)).

Delete an instrument

To delete an instrument from the quotes list, use one of the following ways:

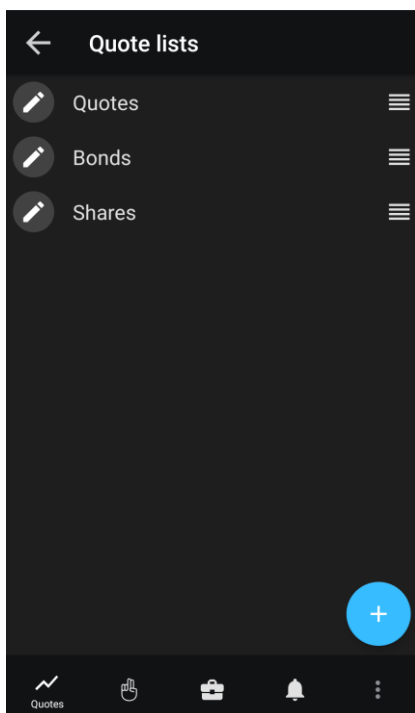
- Tap the instrument that you want to delete, and then swipe left or right. Confirm by tapping **Delete** in the opened dialog box.
- Tap the  icon, find the instrument that you want to delete (see [3.11](#)), and then tap the  icon next to it.

Another method to delete an instrument is to use the search instrument window opened from the **Quotes** window (see [3.11](#)).

Change the instrument order

To change the order of displaying instruments in the **Quotes** window, tap and hold the line with the instrument that you want to move, and then drag it to the desired location.

3.1.2 Quote lists



To open the **Quote lists** window, tap the  icon at the top right corner of the **Quotes** window and select **Quote lists**.

The window is used to view and edit the quote list.

By default, the window displays the Quotes list. Working with several lists of quotes located on different tabs is supported.

Create a list

1. Tap the  icon.

2. Enter a name for the new list and tap **Create**.

To change the name of the list, tap the  icon in the **Quote list** window.

Delete a list

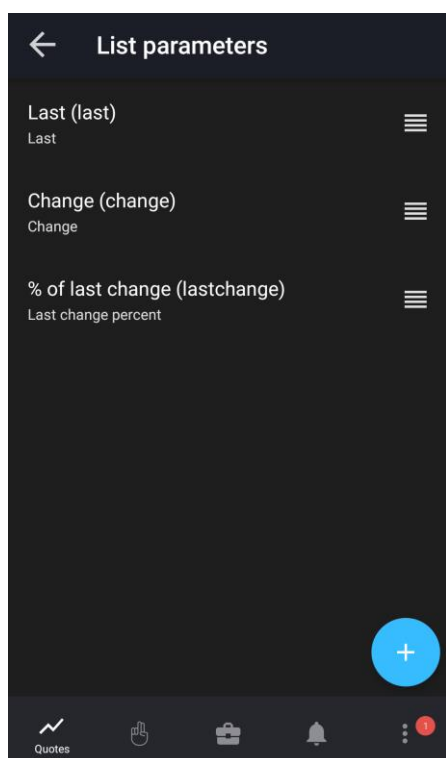
1. Tap the list that you want to delete, and swipe left or right.
2. Confirm by tapping **Delete** in the opened dialog box.

If in the **Quotes** window only one list is displayed, it cannot be deleted.

Change the tabs order

To change the order of displaying tabs in the **Quotes** window, tap and hold the line with the name of the tab that you want to move, and then drag it to the desired location.

3.1.3 List parameters



To open the **List parameters** window, tap the  icon at the top right corner of the **Quotes** window and select **List parameters**.

The window is used to view and edit the parameters of the quotes list.

For the parameters description, see Chapter 3 of the QUIK Workstation User's Manual, sub-section 3.2. Quotes Table.

Add a parameter

1. Tap the  icon.
2. Find the parameter using scrolling or use the search ( icon).
3. Select the check box next to the parameter that you want to add.

Delete a parameter

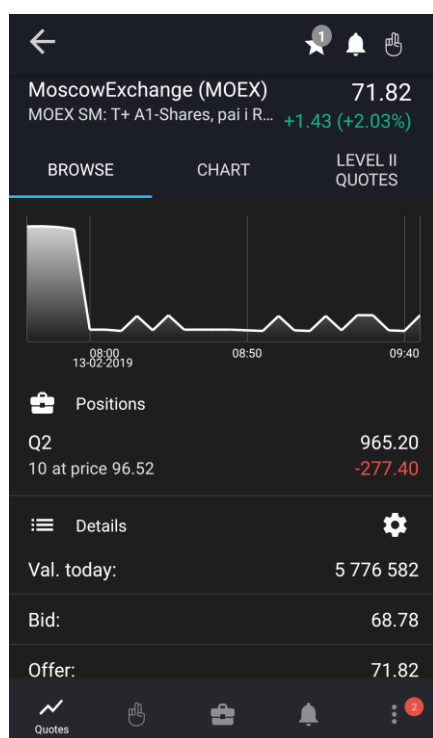
To delete a parameter, use one of the following ways:

- Tap the parameter that you want to delete, and swipe left or right. Confirm by tapping **Delete** in the opened dialog box.
- Tap the  icon. Clear the check box next to the parameter that you want to delete.

Change the parameters order

In the **List parameters** window, tap and hold the line with the parameter that you want to move, and then drag it to the desired location.

3.2 Instrument's parameters



The window for viewing the instrument's parameters opens from the **Quotes** window by tapping the instrument line.

At the top of the window, the following icons are displayed:

-  — add an instrument to one or more quotes lists (see [3.1.1](#)). The marker on the icon indicates the number of quote lists to which the instrument is added.

-  – add notification to instrument (see [3.5.3](#)). If there are active notifications, their number is displayed on the icon. The marker on the icon indicates the number of quote lists to which the instrument is added.
-  – enter a new order (see [4](#)). The marker on the icon indicates the number of quote lists to which the instrument is added.

Below the following parameters are displayed:

- Name, code and class of the instrument.
- Price of the last trade.
- * Price change from the closing price.
- * Price change from the closing price, as a percentage.

(*) Parameter values are highlighted in color: green for positive price change, red for negative.

The instrument's parameters view window has three tabs.

3.2.1 BROWSE tab

The following information is displayed on the tab:

- A minimalistic linear chart of the instrument price. Tap the chart to open the **CHART** tab.
-  **Positions** – number of instruments in the portfolio. The section is displayed if the instrument is added to at least one of the user portfolios.
 - <client code> – the client code for which the position is open. The name of the client code. If the user has assigned a name for the client code, the user name is displayed.
 - Quantity of the instrument (in items) and the weighted average purchase price of the instrument.
 - Top right – position volume.
 - Bottom right – * position profit / loss per day.

(*) The values are highlighted in color: green for profit, red for loss.

-  **Orders** – number of active instrument orders.
 - Direction, quantity and price of the order for instrument.
 - Volume of the order for instrument.

Touching the line of the section opens the order viewing window (see [3.3.4](#)).

-  **Notifications** – list of active instrument notifications.
 - Instrument parameters.

— Notification value.

Touching the line of the section opens the notification window (see [3.5.2](#)).

-  **Details** — instrument parameters values. The following parameters are displayed by default: **Val. today**, **Bid** and **Offer**. To change the list of shown parameters, tap the  icon, in opened window tap the  icon, and then select the check box next to the parameter you want to add or clear the check box next to the parameter you want to delete.
To change the order of parameters, tap the  icon, in opened **Instrument parameters** window tap and hold the line of the parameter you want to move, and then drag it to the desired location.

3.2.2 CHART tab



To change to landscape mode of viewing the chart, turn the device 90 degrees.

Chart of the last trade price is displayed on the tab by default. Touching the chart area displays a hint with numeric parameters:

- the interval time and the date of the auction;
- open — opening price;
- close — closing price;
- low — minimum price value;
- high — maximum price value ice;
- volume — trade volume;
- etc.

When you tap the  icon, the chart expands to all the window width. When you tap the  icon, the chart collapses to the left of the price scale. By default the chart is indented from the right.

Display settings

Chart display is configured using the following buttons:

-  Length of time interval on the chart:
 - M1 (1 minute);
 - M5 (5 minutes) (by default);
 - M10 (10 minutes);
 - M15 (15 minutes);
 - M20 (20 minutes);
 - M30 (30 minutes);
 - H1 (1 hour);
 - H2 (2 hours);
 - H4 (4 hours);
 - D (1 day);
 - W (1 week);
 - MN (1 month).
-  — enable / disable the schedule display mode for the selected period. Possible values of the period and the corresponding timeframe:
 - 1 day — M5 (5 minutes);
 - 1 week — M30 (30 minutes);
 - 1 month — H1 (1 hour);
 - 3 monthes — H1 (1 hour);
 - 1 year — W1 (1 week);
 - 5 years — W1 (1 week);
 - **Set Period...** — select start and end dates for plotting. In this case, the timeframe is selected depending on the interval size as follows:
 - For intervals from 1 to 5 days — M5;
 - For intervals from 6 to 24 days — M30;
 - For intervals from 25 to 120 days — H1;
 - For intervals more than 120 days — W1.

-  - select chart type:
 - _  Candlestick (by default);
 - _  Line;
 - _  OHLC;
 - _  Columns.
-  - show /  Hide chart of the last trade volume.
-  - add indicators of technical analysis to the chart. Tap the icon to open the window for selecting indicators. Touching the indicator line opens the indicator parameter settings window. Available indicators:

- _ **Main** — indicators are built in the area of the price chart of the instrument:
 - _ Bollinger Bands;
 - _ Moving Average.
- _ **Oscillators** — indicators are built below the price chart of the instrument. Only one of the indicators can be selected:
 - _ Awesome Oscillator;
 - _ RSI (Relative Strength Index);
 - _ Momentum;
 - _ Stochastic;
 - _ MACD.

For the technical analysis indicators description, see Chapter 4 of the QUIK Workstation User's manual, sub-section 4.4 Methods of technical analysis.

-  /  Orders, stop orders, trades and positions display mode. When you click the icon opens the list for choosing information displayed on chart:
 - _ Active orders;
 - _ Active stop orders;
 - _ Positions;
 - _ Trades.

To select the displayed information use checkboxes, the selection is saved the next time you open chart.

-  /  Order price editing mode. When you click the icon, the mode of editing orders price on the chart is turned on / off. Editing is done by dragging the line with the price down to lower the price and up to raise.

The solid lines of red and green colors are the usual limited orders; the dotted lines of the same colors are the stop orders. The color of the line depends on the direction of the operation (red is selling, green for purchase). The position level is displayed as a solid blue line.

To cancel an order click the  or  icon.

Trades are displayed on the chart as white triangles:

- Sell trades - downwards pointing triangle, the corner of the triangle is on the sell price level;
- Buy trades - upwards pointing triangle, the corner of the triangle is on the buy price level.

For several trades of the same direction, executed during the interval of the candle, only one triangle is displayed with the corner on the maximum (sell) / minimum (buy) price level.

When the mode enabled, the chart does not display trades and positions if they were selected to display. Available if the orders, stop orders, trades and positions display mode is on.

3.2.3 LEVEL II QUOTES tab



The tab displays order queues for the selected instrument. It contains the following parameters:

- **Price** – order buy or sell price per unit of the instrument.
- **Yield** – the yield of the instrument by quotation. The column is displayed for bonds.
- **Quantity** – number of instruments in a buy or sell order in lots.

The order directions differ by the background color: green for buy orders, red for sell orders.

The line that contains the highest quantity value of the orders displayed in the Level II Quotes tab is colored completely. The remaining lines are colored in proportion to quantity in the order.

If the Level II Quotes tab is not empty, then tapping the line opens the window for entering an order with the price and quantity of instruments of the selected line and with the opposite direction (see [4](#)).

3.3 Orders

Tap the  icon on the bottom navigation bar to open the **Orders** window.

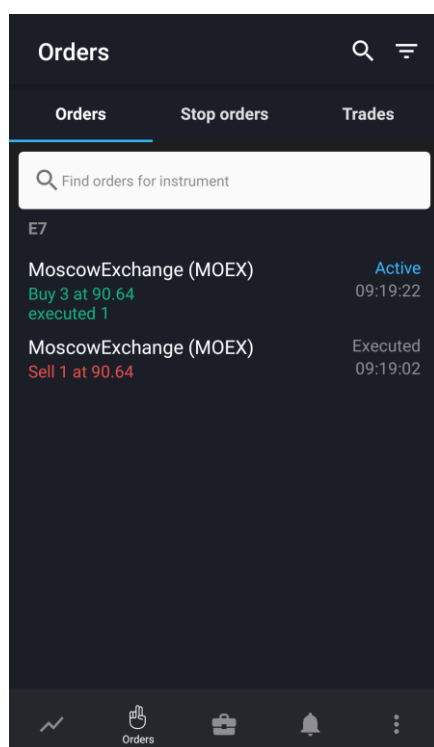
The window displays the user's orders, stop orders and trades.

At the top of the screen the following icons are displayed:

-  – instrument search (see [3.11](#)).
-  – filter by execution status:
 - For the **Orders** and **Stop orders** tabs: Active, Executed, Cancelled, Buy, Sell.
 - For the **Trades** tab: Sell, Buy.

Orders, stop orders and trades lists are displayed on the relevant tabs.

3.3.1 Orders tab



The tab is intended to view the market and limit orders. The orders in the list are grouped by client code. On the tab, you can search for orders of instrument both by name and by its code.

For every order, the following information is displayed:

- Instrument name (instrument code).
- Direction: Buy / Sell.

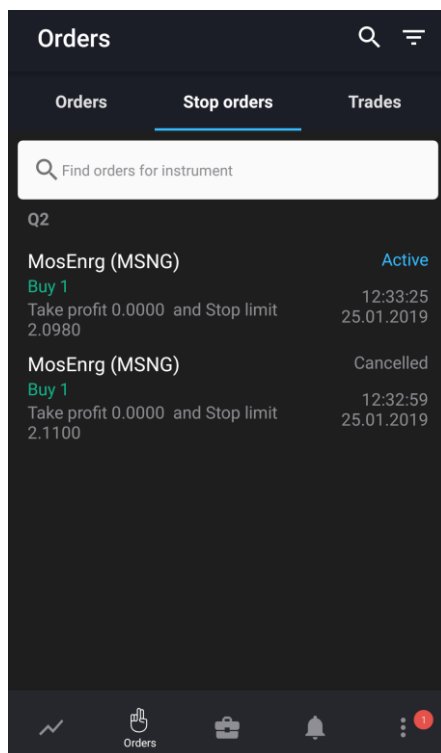
- Number of instruments in order (in lots), price (at <sum> / at market price).
- Number of executed order volume (in lots), for orders in **Active** status.
- Order status (Active, Executed, Cancelled).
- Order creation time.

Tapping the order line opens a window for viewing detailed order information (see [3.3.4](#)).

The operations available from the shortcut menu (to open the shortcut menu, tap and hold the order line):

- **New order** – place a new order (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
- **Enable notification** / **Disable notification** (only for active order) – creation / cancellation of a notification on the order execution (see [3.5.4](#)).
- **Replace order** (only for active order) – cancel a current order and place a new one (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
- **Cancel order** (only for active order) – cancel an order.

3.3.2 Stop orders tab



The tab is intended to view the conditional orders. The orders in the list are grouped by client code. On the tab, you can search for orders of instrument both by name and by its code.

For every stop order, the following information is displayed:

- Instrument name (instrument code).
- Direction: Buy / Sell.
- Number of instruments in stop order (in lots), stop order type (Stop limit / Take profit / Take profit and Stop limit, With linked order), price.

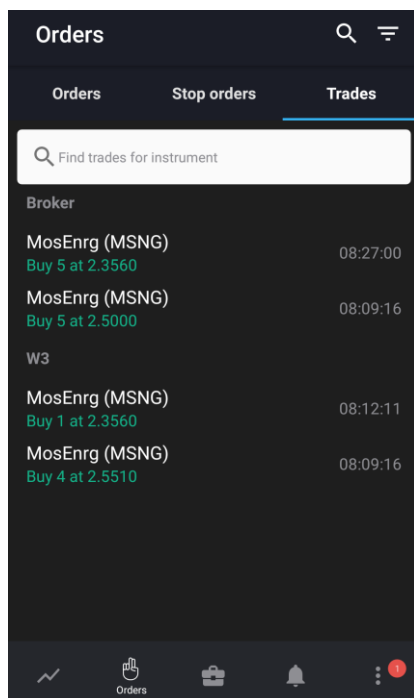
- Stop order status (Active, Activated, Executed, Cancelled).
- Stop order creation time.

Tapping the order line opens a window for viewing detailed stop order information (see [3.3.4](#)).

The operations available from the shortcut menu (to open the shortcut menu, tap and hold the stop order line):

- **New order** — place a new order (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
- **Enable notification / Disable notification** (only for active stop order) —creation / cancellation of a notification on the order execution (see [3.5.4](#)).
- **Replace order** (only for active stop order) — cancel a current stop order and place a new one (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
- **Cancel order** (only for active order) — cancel a current stop order.

3.3.3 Trades tab



The tab is intended to view the trades. The trades in the list are grouped by client code. On the tab, you can search for orders of instrument both by name and by its code.

For every trade, the following information is displayed:

- Instrument name (instrument code).
- Direction: Buy / Sell.
- Number of instruments (in lots), price.
- Trade creation time.

Tapping the trade line opens a window for viewing detailed trade information (see [3.3.5](#)).

3.3.4 Viewing order / stop order

Viewing of an order / stop order is available:

- from the **Orders** window by tapping the line on the **Orders** and **Stop orders** tabs;
- from the stop order viewing window by tapping the line with the order;
- from the trade viewing window by tapping the order line;
- from the **Notifications** window by tapping the line with the order notification (see [3.5](#)).

The following information is displayed in the window:

- Name, code and class of an instrument. Tap the  icon to open the window for viewing the instrument parameters (see [3.2](#)).
- List of order / stop order parameters.
- Orders — list of orders on a stop order (if any). Tap the order line to open the window for viewing information for it.
- Trades — list of trades on an order (if any). Tap the trade line to open the window for viewing information for it (see [3.3.5](#)).

Tap the  icon (available for orders / stop orders with status different from Active) to open the order entry window (see [4](#)).

Tap the  icon (available for orders with Active status) to open the additional menu:

-  — enter new order / stop order (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
-  — replace an order: cancel a current order / stop order and place a new order (see [4](#)). The boxes in the order entry window are populated by the values of corresponding parameters in the selected order.
-  — cancel a current order / stop order.
-  or  — creation of a notification of the order / stop order or its cancellation (see [3.5.4](#)). If the notification is already created, the icon becomes red.
-  — close the additional menu.

3.3.5 Viewing trade

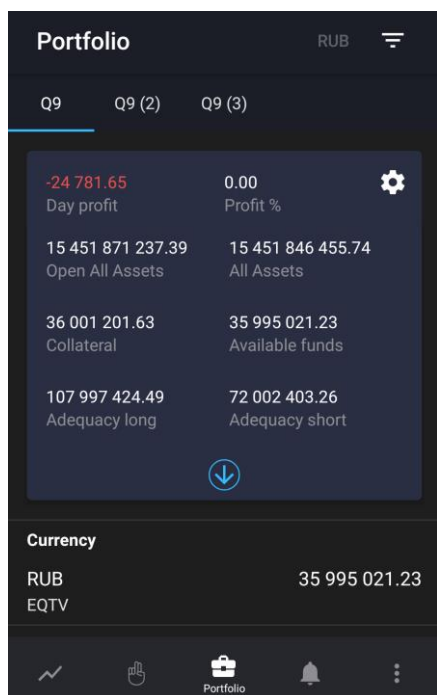
Viewing of a trade is available:

- from the **Orders** window — tap the line on the **Trades** tab;
- from the order viewing window — tap the trade line.

The following information is displayed in the trade viewing window:

- Name, code and class of an instrument. Tap the  icon to open the window for viewing the instrument parameters (see [3.2](#)).
- Trade parameters.
- Order by which the trade was concluded. Tap the trade line to open the window for viewing information for it (see [3.3.4](#)).

3.4 Portfolio



To open the **Portfolio** window, tap the  icon on the bottom navigation bar.

The window is intended for viewing the current value of the client's assets and the amount of funds available for opening long and short positions. If a user has several client codes, information on each of them is displayed on a separate tab. The currency in which the portfolio parameters are calculated is displayed in the tab header.

Data can be filtered by account parameters using the  icon:

- **Settlement period** — select the settlement period for displaying portfolio parameters, positions in instruments and cash positions;
- **Currency code, Position code** — select the currency code and position code for setting parameters of calculating the portfolio.

Parameter values apply only to the client code for which the filter is configured. The filter is not available for urgent accounts.

Tap the  icon to open the Account parameters window (see [3.4.1](#)). Tap the  icon to open the full account information.

At the bottom of the window, a list of customer items is displayed, grouped by sections: Currency, Shares, Bonds, Futures and sort by descending order of volume.

For currency positions, the following information is displayed:

- Currency code.
- Position code.
- Position volume.
- Current balance.

For positions in other assets, the following information is displayed:

- Instrument name (instrument code).
- Number of instruments (in items) and the weighted average price.
- * Profit / loss, as a percentage.

(*) The values are highlighted in color: green for profit, red for loss.

Tapping the line of the client position opens the **Position** window (see [3.4.2](#)).

3.4.1 Account parameters

To open the **Account parameters** window, tap the  icon in the **Portfolio** window.

The window is used to view and edit account parameters.

To open the parameter description, tap the name of the parameter. For a detailed description, see Chapter 3 of the QUIK Workstation User's Manual, sub-section 3.5 Account state table and sub-section 3.12 Client portfolio table.

Add a parameter

1. Tap the  icon.
2. Select the check box of parameter to be added.

Delete a parameter

To delete a parameter, use one of the following ways:

- Tap the parameter that you want to delete, and then swipe left or right. Confirm by tapping **Delete** in the opened dialog box.
- Tap the  icon and clear the check box next to the parameter that you want to delete.

Change the parameters order

To change the order of parameters displaying, tap and hold the line with the parameter that you want to move, and drag it to the desired location.

3.4.2 Position

← Position ×	
LUKOIL (LKOH) MOEX SM: T+ A1-Shares, pai i RDR	
Firm	NC0038900000
Client code	Broker
Settlement period	T2
Trading account	L01-00000F00
Current balance	1 276
Current limit	0
Incoming balance	1 281
Incoming limit	0
Blocked	0
Purchase price	5173.393509
Quotes Portfolio Orders Notifications Menu	

The **Position** window opens in one of the following ways:

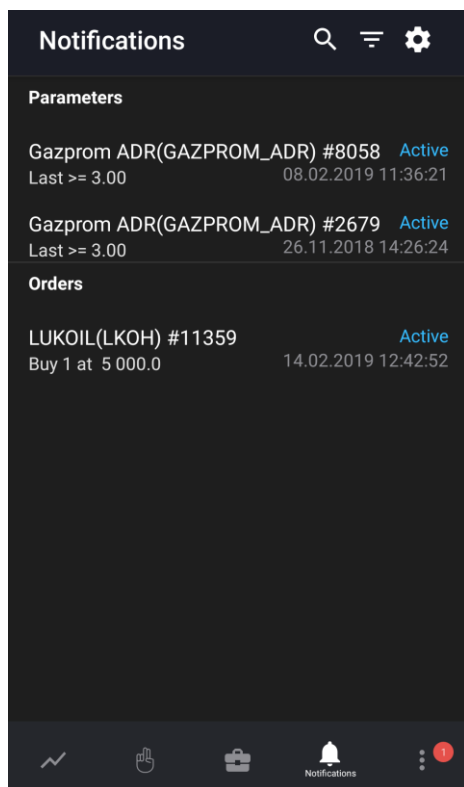
- From the **Portfolio** window by tapping on the line with a client's position.
- In the instrument parameters preview window (see [3.2](#)) on the BROWSE tab, tap the line item of **Position** window.

The following information is displayed in the window:

- Instrument name (instrument code). To open viewing instrument parameters window, tap the line with instrument (see [3.2](#)).
- Position parameters. For the parameters description, see Chapter 3 of the QUIK Workstation User's Manual, sub-sections 3.15 Positions in instruments and 3.19 Client account positions table.

To close the position, tap the × icon (not available for currency positions). The new order entry window opens (see [4](#)).

3.5 Notifications



To open the **Notification** window, tap the  icon on the bottom navigation bar.

The window is used to view user notifications that inform about events with conditions specified by user.

The window displays all notifications with **Active** status and notifications with **Cancelled** and **Executed** statuses for the current trading session.

When an event occurs, the user receives a push notification. Push notifications are received by the device if it is connected to a mobile network or WI-FI, regardless of whether the **QUIK Android X** application is running or not.

The following icons are displayed at the top of the window:

-  — search for an instrument (see [3.11](#)).
-  — filter by notification status: Active, Cancelled, Executed.
-  — notification settings (see [3.5.1](#)).

The list of notifications grouped by sections is displayed below:

- **Parameters** — notifications of changing the value of instrument parameter. To view the notification parameters, tap the line with the notification (see [3.5.2](#)).
- **Orders** — notifications of orders and stop orders. To view the order parameters, tap the line with the notification ([3.3.4](#)).

For notifications of an instrument the shortcut menu is available (to open the shortcut menu, tap and hold the line with notification):

- **Copy notification** – create a notification with parameters similar to the selected notification (see [3.5.3](#)).
- **Cancel notification** – cancel the notification. Available for notification with **Active** status.

The list of notifications for the instrument is available in the instrument viewing parameters window, the  Notification section (see [3.2](#)).

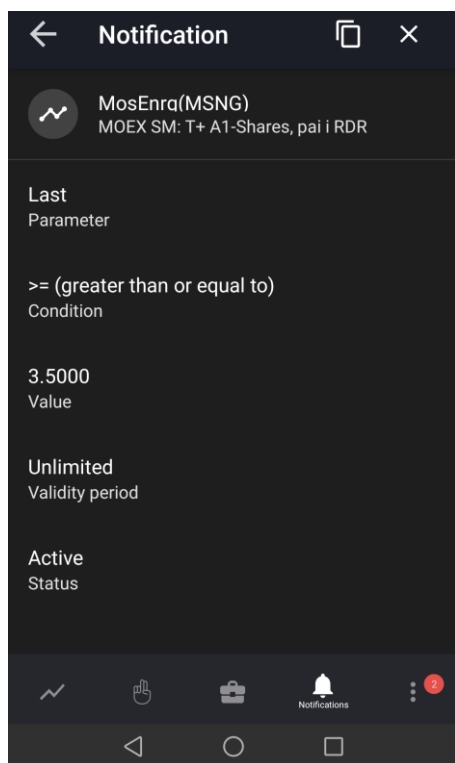
3.5.1 Notification settings

The **Notification settings** dialog box is opened by tapping the  icon in the **Notification** window.

The following parameters are displayed in the dialog box:

- **Service activity** – enable / disable sending notifications. When the setting is disabled, all active notifications are cancelled.
- **Trade execution** – enable / disable sending push notifications of trade execution. The setting is not available when the **Service activity** setting is disabled.

3.5.2 Viewing parameters of instrument notification



The window for viewing parameters of notification of an instrument opens by tapping the line with a notification in the **Notifications** window and in the instrument viewing parameters window.

The following icons are displayed at the top of the window:

-  – create a notification with parameters similar to the selected notification (see [3.5.3](#)).
-  – cancel the notification. Available for active notifications.

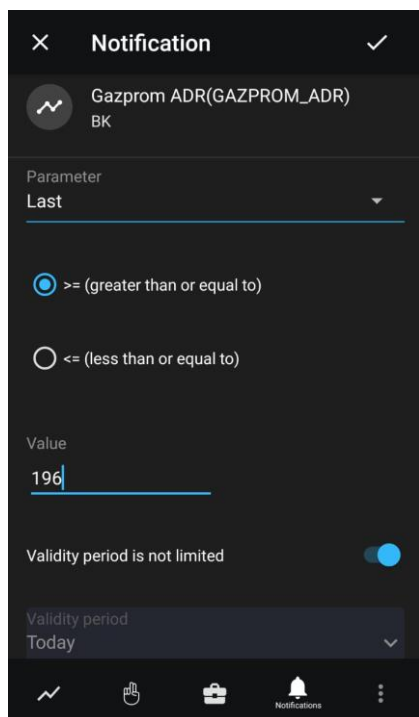
Below the following information is displayed:

- Name, code and class of an instrument. Tap the  icon to open the window for viewing the instrument parameters (see [3.2](#)).
- Parameters of notification of an instrument.

3.5.3 Creating notification of instrument

The window for creating notification of instrument can be opened:

- From the instrument searching window, that was opened from the **Notifications** window, by tapping the  icon on the left of the found instrument (see [3.11](#)).
- From the window for viewing the notification parameters for the instrument by tapping the  icon (see [3.5.2](#)). A window for creating a notification will be opened with parameter values similar to the selected notification.
- From the **Notifications** window, by selecting the **Copy notification** shortcut menu item.



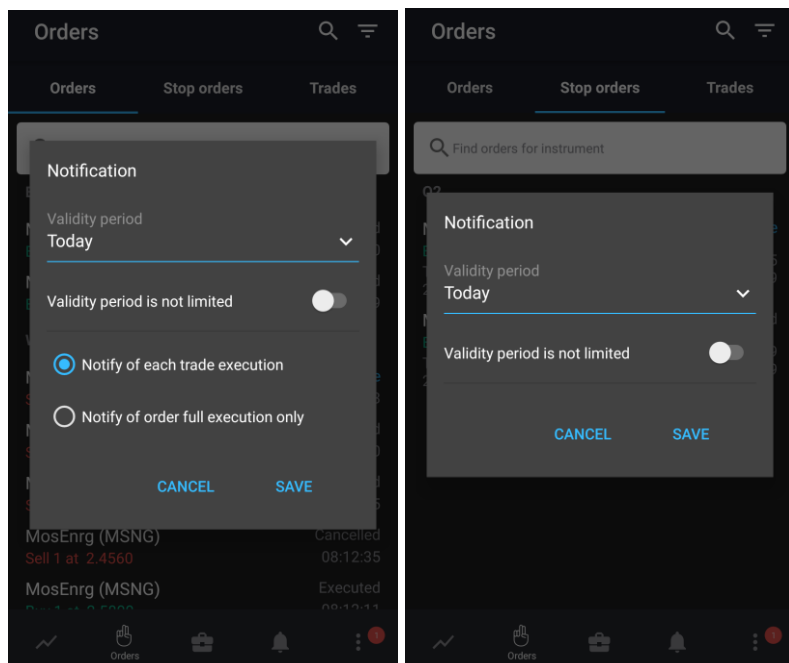
The following parameters are displayed in the window:

- Name, code and class of an instrument.
- **Parameter** – the parameter by which the notification is generated.
- Selection of the execution condition – the required condition (greater than or equal to or less than or equal to).
- **Value** – the value of the parameter upon which the notification is triggered. The last value of this parameter is automatically substituted to the box (zero, if there is no data on it).
- **Validity period is not limited** – when the option is enabled , the notification is valid until cancellation.

- **Validity period** – select the validity period of the notification in the calendar. The default value: Today.

To create a notification, tap the  icon at the top right corner.

3.5.4 Creating notification of order / stop order



The dialog box for creating a notification of an order / stop order is available in following ways:

- From an active order / stop order window by tapping the addition menu icon  (see [3.3.4](#));
- By selecting **Enable notification** shortcut menu item on the **Order** and **Stop order** tabs of the **Orders** window (see [3.3](#)).

The following parameters are displayed in the dialog box:

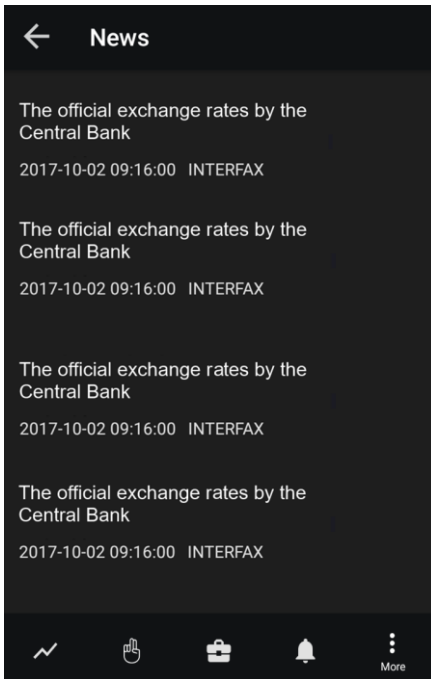
- **Validity period** – select the validity period of the order in the calendar. The default value: Today.
- **Validity period is not limited** – attribute of notification without a validity period. When enabled, the **Validity period** option becomes unavailable.
- Radio buttons:

- **Notify of each trade execution** – notification is sent on every execution of order trade.
- **Notify of order full execution only** – notification is sent only on full order execution.

Radio buttons are unavailable when creating notifications of stop orders.

To create a notification, tap **SAVE**. To return to the window for viewing the information on the order without saving the entered data, tap **CANCEL**.

3.6 News



To open the **News** window, tap the  icon on the bottom navigation bar and select  **News**.

The window is intended for viewing information agencies news.

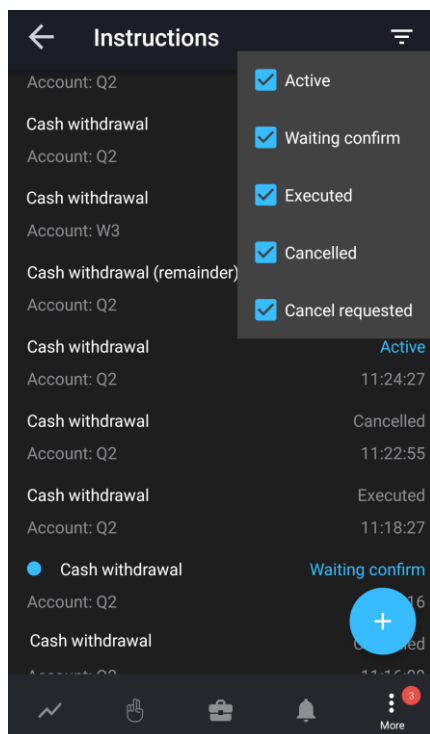
The news window contains the list of news. The news in the list is grouped by the release date and time, so the latest one is on top.

For each piece of news, the following is displayed in the list:

- The news headline;
- Date and time of publication;
- Name of the news agency that released the news.

When you tap a line in the **News** window, the **News** screen opens with the full text of the information message. To move through news, swipe right to return to the previous news or left to go to the next.

3.7 Instructions



Viewing instructions is the additional feature of the QUIK system. To get the opportunity to work with instructions please contact the broker.

To open the **Instructions** window, tap the  icon on the bottom navigation bar and select  **Instructions**. The window is used to view registered non-trade instructions. The number of instructions in the **Waiting confirm** status is displayed on the mark next to the menu icon.

Non-trade instructions are instructions to the broker for the client's funds transferring between accounts - the funds input into the trading system, funds withdrawal back to the client's account, funds transferring between different accounts or trading systems.

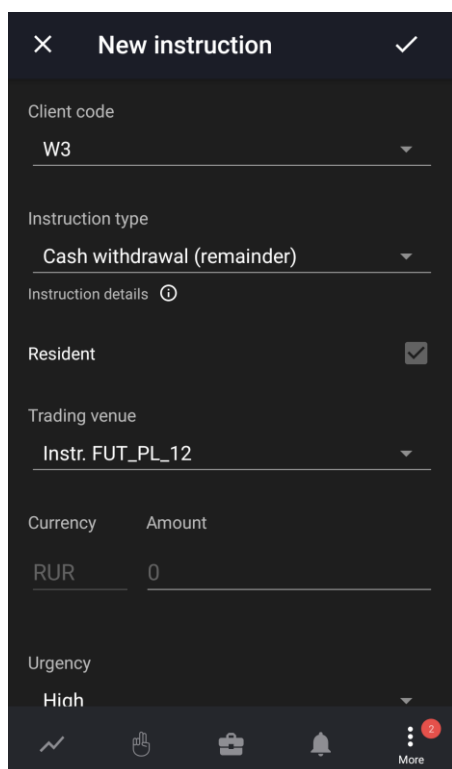
To filter instructions by status tap . Instruction statuses:

- Active,
- Waiting confirm,
- Executed,
- Cancelled,
- Cancel requested.

Tap the line with instruction to open the window for viewing its parameters (see [3.7.3](#)). An instruction in the **Waiting confirm** state is mark by .

Tap the  icon to open the new instruction entry window (see [3.7.1](#)).

3.7.1 Creating instruction



Tap the  icon in the **Instructions** window to open the **New instruction** window.

The following types of instructions are available: **Non-cash withdrawal** and **Non-cash withdrawal (balance)**.

In the **New instruction** window the following parameters are available (the set of parameters may vary depending on the broker settings):

- **Client code** – the client code in the QUIK system, from account of which the funds are withdrawn.
- **Instruction type** – the type of instruction.
- **Instruction details** – an information box that contains additional information about the instruction. The value is specified by the broker.
- **Resident** – resident attribute.
- **Trading venue** – instrument from the instructions class.
- **Currency** – the currency code corresponding to the instrument selected in the **Trading venue** box.
- **Amount** – the amount of funds withdrawn from the account.
- The on / off slide toggle **Partial fill** – allows partial execution of an instruction. When a fixed amount of funds is withdrawn in the most accessible amount, the balance of funds may not be enough to cover the costs of an instruction execution, and the broker can reject it. In this case, it is recommended to use this feature.
- **Urgency** – the priority of the operation. By default, it can take one of the values: Normal, Low, High. The broker can set additional values.
- **Validity**: till cancelled / today / date – the validity of the instruction.
- **Trading system** – a trading system.
- **Agreement** – the number and date of the brokerage service agreement.

- **Sub-account** — sub-account of the client's personal account.
- **Account** — the customer's personal account.
- **Recipient** — the recipient of the funds. The recipient bank details are displayed in the box below.
- **Reason for payment** — the name of the document that is the justification for conducting transactions (for example, the contract of sale, depository agreement), and its details.
- **Comment** — a comment to the instruction.

To submit an instruction, tap the  icon at the top right corner. To close window without submitting an instruction, tap the  icon.

To perform the withdrawal operation, you may need to confirm the operation with the code sent via SMS (see [3.7.2](#)).

After the instruction for funds withdrawal is registered in the **System messages** window (see [3.9](#)), a corresponding notification appears.

3.7.2 Instruction confirmation

For instructions sent by the user, a one-time code confirmation function is available (is configured by the broker).

After sending a request to enter an instruction, a dialog box appears on the screen for entering a one-time code sent to the user via SMS.

SMS with a code to confirm the withdrawal operation may not come immediately.

You can also open the confirmation instruction window by tapping **CONFIRM** in the instruction window with the **Waiting confirm** status.

When you click on the **REQUEST NEW CODE** button, a new code is requested to send.

The number of attempts to receive and enter the code is set by the broker. When the number of attempts to enter the confirmation code is exceeded, the notification is automatically removed. You can enter any of the received one-time codes (both the first one and the new one).

The user can refuse to enter the code and close the dialog by tapping **CANCEL**.

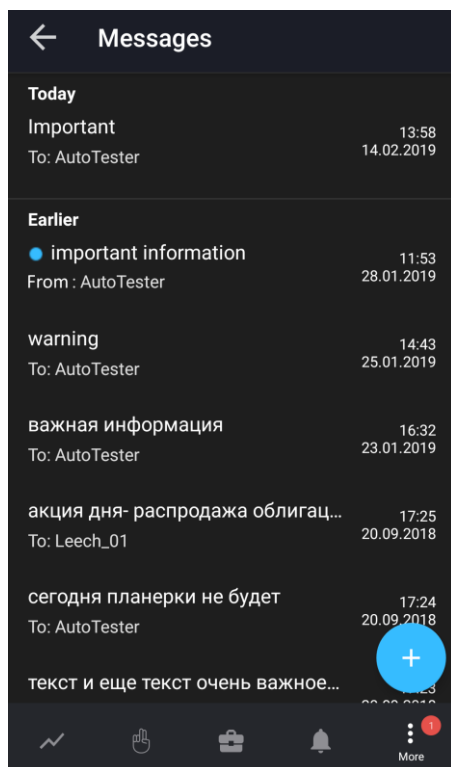
3.7.3 Viewing instruction

The viewing instruction window contains the instruction parameters and opens from the **Instructions** window by tapping the line.

To confirm the instruction, tap **CONFIRM** (available for instructions with the **Waiting confirm** status).

To cancel an instruction, tap the  icon at the top right corner. In the dialog that opens, specify the reason for canceling the instruction and tap **SEND**.

3.8 Trader messages



To open the **Messages** window, tap the  icon on the bottom navigation bar and select  **Trader messages**. The number of unread messages is displayed in the mark next to the menu icon. The messages in the window are grouped by date **Today** / **Yesterday** / **Earlier**.

The window is used to view a list of messages and send messages to other users of the system. Permission to send messages and the addressee's available recipients are determined by the broker.

Viewing messages

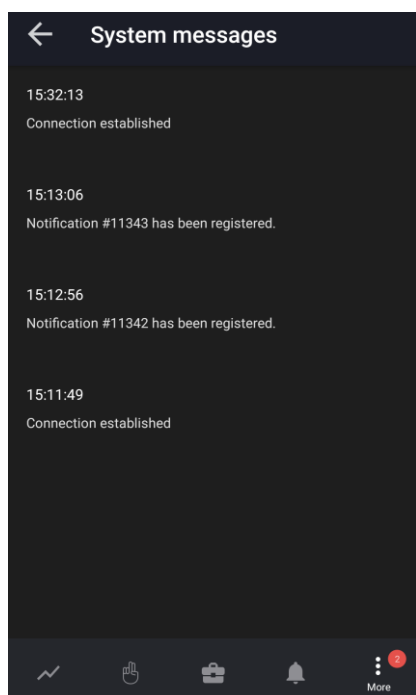
To view a message, tap the message list line. Unread message is mark by .

To reply to a message, tap the  icon at the top right corner of the message viewing window.

Creating message

1. Tap the  icon.
2. In the window that opens, in the **To** box select the trader, you want to send the message to, and enter the message text in the box below.
3. To send a message, tap the  icon at the top right corner. To close window without sending a message tap the  icon.

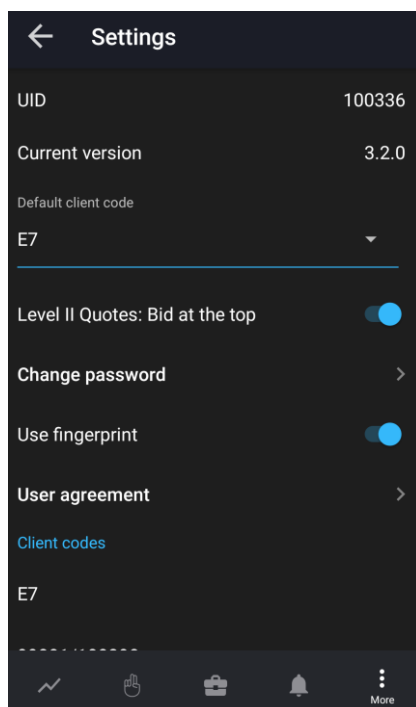
3.9 System messages



To open the **System messages** window, tap the  icon on the bottom navigation bar and select  **System messages**.

The window displays information about the registration of orders and instructions, as well as responses of the trading system about the rejection of transactions.

3.10 Settings



To open the **Settings** window, tap the  icon in the bottom navigation bar and select  **Settings**.

The following options are available in the window:

- **UID** – client UID.
- **Current version** – current application version.
- **Default client code** – the client code which is substituted by default to the order entry form.
- **In Level II Quotes:**– switch to select the display format of the quotes:
 - Bid at the top - when the switch is on;
 - Offer at the top - when the switch is off.
- **Change password** – change password to log in the application (see [2.3.3](#)).
- **Use fingerprint** – fingerprint user identification switch.

If identification is disabled, the login and password fields and the Remember Password checkbox are displayed.

- **Run in background mode** – switch to allow the application keeping running in the background. When the switch  is on, the application stays connected in minimized mode and is displayed in the device notification list (by default turned off).
- **User agreement** – the current version of the regulations on the procedure for processing personal data, a document in PDF format.
- **Client codes** – list of customer codes available to the user. Clicking on the line opens the window for editing the name of the client code.
To change the order of displaying client codes, tap and hold the instrument that you want to move, and then drag it to the desired location.

3.11 Search instrument

To open the search instrument window, tap the  icon at the top right corner in the **Quotes**, **Orders**, **Portfolio** or **Notifications** windows or in the search bar.

You can search instrument by the short and full instrument name and by the instrument class name.

Until a new search line is entered in the search box, the window displays a list of the instruments that the user viewed earlier.

When you enter a value in the search box, the found instruments are grouped by sections: Shares, Bonds, Futures, Currency, Other.

The following icons are available for the found instruments:

- If the search window was opened from the **Quotes** window:

-  /  – add an instrument to the list of quotes or delete it from the list by tapping line (see [3.1.1](#)).

- If the search window was opened from the **Orders** window:

-  – enter a new order (see [4](#)).

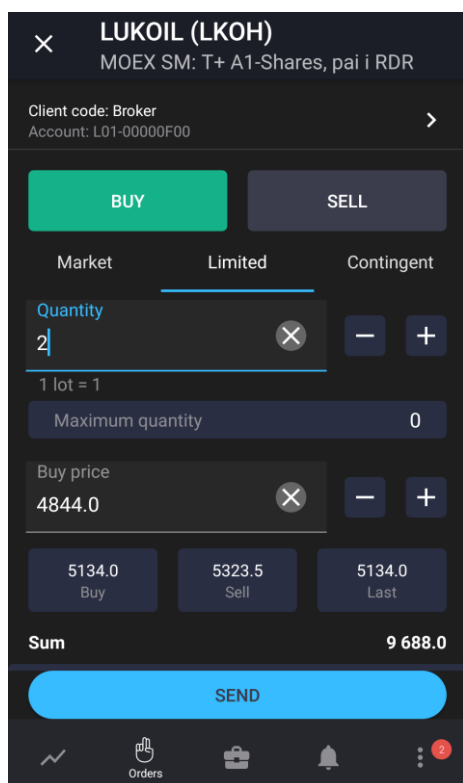
- If the search window was opened from the **Notifications** window:

-  – creating a new notification for the selected instrument (see [3.5.3](#)).

The list of found instruments contains the menu  with which you can perform the following actions:

-  **Open instrument** (or tap the line with instrument) – viewing instrument parameters window (see details [3.2](#));
-  **Send order** – enter a new order (see [4](#));
-  **Add notification** – add notification for the instrument (see [3.5.3](#));
-  **Add to the quote list** – add instrument to the quote list (see [3.1.1](#)).

4. Order entry



The **Order entry** window can be opened in one of the following ways:

- In the viewing instrument parameters window on any of the tabs tap the  icon in the top right corner.
- In the viewing instrument parameters window on **Level II Quotes** tab tap any line with quote.
- In the viewing order window tap the  icon (see [3.3.4](#)).

The order entry window contains the following parameters:

- **Name, code and class** of the instrument. To open the window for viewing the instrument parameters tap the line (see [3.2](#))
- **Client code** –the client code. In this box (except the derivatives market orders), the client code specified in the **Settings** window in the Default **client code** box is automatically substituted. Tap the string to edit.
- **Account** – the name of the account in regard of which the operation is performed. If in the given class of instruments there is only one account assigned to user, than the box will be filled up automatically, if there are several accounts, the box will be filled up automatically by the first account from the list. Tap the string to edit.
- Order direction: **BUY /SELL**.
- Order type: **Market, Limited, Contingent**.
- **Quantity** – number of instrument lots in an order. Number of instruments in a lot is given in the line below. If opening the order entry form from the **Level II Quotes** tab the box is filled by value of quote's quantity. The value can be entered from the keyboard or by tapping on the  and  icons.
- **Maximum quantity** – maximum allowed number of lots in the order calculated on the basis of the value of available client's funds. By tapping the icon the specified maximum value is entered to the **Quantity** box

Further, the set of fields changes depending on the selected order type.

Market

- **Buy / Sell / Last** – information boxes that show the purchase, sale and last trade prices of the instrument.

Limited

- **Buy/Sell price** – order price per unit of the instrument. If opening the order entry form from the **Level II Quotes** tab, the **Buy/Sell price** box is filled by the value of the Level II Quotes. The price value can be changed by tapping on the  and  icons.
- **Buy / Sell / Last** –the purchase, sale and last trade prices of the instrument. By touching the corresponding box, its value is substituted in the **Buy/Sell price** box.
- **Sum** – the amount of the order. Calculated as: **Quantity lot *Lot size* Buy/Sell price**.
- **Linked stop order** – entry of a stop order linked to a limited order by the same direction and volume. When you tap the  icon, the boxes for entering the values of the linked stop order parameters appear:

- **Stop limit price** $\leq$ (or $\geq$) – stop price, the condition for the execution of the stop order for the unit of the instrument. The value can be entered from the keyboard or changed by tapping the  and  icons.
- **Execution price** – the value of the price of a limited order placed in the trading system when the **Stop limit** condition occurs, for one unit of the financial instrument. The value can be entered from the keyboard or changed by tapping the  and  icons.

Contingent

- **Stop limit price** $\leq$ (or $\geq$) – stop-price, the condition for the execution of the stop order for the unit of the instrument. The value can be entered from the keyboard or changed by tapping the  and  icons.
- **Buy / Sell at market price** – when the option is enabled  the order is executed at the market price. Value of **Buy/Sell price** parameter is not used in this case.
- **Buy/Sell price** – order price per unit of the instrument. If opening the order entry form from the **Level II Quotes** tab, the **Buy/Sell price** box is filled by value of the Level II Quotes. The value can be entered from the keyboard or changed by tapping the  and  icons. It is not available if the **Buy / Sell at market price** option is switched on.
- **Buy / Sell / Last** – the purchase, sale and last trade prices of the instrument. By touching the corresponding box, its value is substituted in the **Buy/Sell price** box.
- **Sum** – the amount of the order. Calculated as: **Quantity lot** * **Lot size** * **Buy/Sell price**.
- **Take profit** $\leq$ (or $\geq$) – sending the order with the **Take Profit** condition. When the switch  is on, fields for entering the values of the request parameters with the **Take Profit** condition are displayed:
 - **Take profit** $\leq$ (or $\geq$) – price of the conditions for the order with the **Take profit** condition. The value can be entered from the keyboard or changed by tapping the  and  icons.
 - **Margin** – the amount of a margin from the maximum (for a sell order) or the minimum (for a buy order) of the price reached, specified in the form of a price difference. When this margin is reached, a limited order will be formed. The value can be entered from the keyboard or changed by tapping the  and  icons.
- **Buy / Sell at market price** – when the option is enabled  the order is executed at the market price. The value of the **Protective spread** parameter is not used in this case.
- **Protective spread** – additional (advanced) deviation of the order price from the price of the last trade that initiated the order entry. The value can be entered from the keyboard or changed by tapping the  and  icons.
- **Active till cancelled** – when the option is enabled  the order is active until it is cancelled.
- **Validity period** – select the validity of the order in the calendar. The value by default: Today. It is not available if the **Active till cancelled** option is switched on.

To enter the order, tap **SEND**. To close the window without sending an order, tap the  icon.

If the trading system rejects the order or executes it, a corresponding notification appears in the System messages window (see [3.9](#)).