

To build an APK to support the ABCD button use the below code. As this code requires system level access once the APK has been developed HQ need to sign the driver.

**\*\*\*\*\*must send app to HQ to sign permissions**

Here's a example for setup function key A to launch the browser.  
The key A URI is **"must://device/key\_customize\_a"**  
Simply modify the last character to b,c or d for other function key.

➤ MainActivity.java

```
public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final String BROWSER_PACKAGE = "com.android.browser";
        final String BROWSER_CLASS = "com.android.browser.BrowserActivity";
        final String BROWSER = BROWSER_PACKAGE + "," + BROWSER_CLASS;
        setFunctionKeyA(BROWSER);
    }

    private void setFunctionKeyA(String app) {
        final String FUNCTION_KEY_A_URI = "must://device/key_customize_a";
        Settings.Secure.putString(getContentResolver(), FUNCTION_KEY_A_URI, app);
    }
}
```

➤ AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    package="com.mitac.keycustomizesample"
    android:sharedUserId="android.uid.system">

    <uses-permission android:name="android.permission.WRITE_SECURE_SETTINGS" />

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
```

```
    android:theme="@style/AppTheme">
  <activity
    android:name=".MainActivity"
    android:label="@string/app_name"
    android:theme="@style/AppTheme.NoActionBar">
    <intent-filter>
      <action android:name="android.intent.action.MAIN" />

      <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
  </activity>
</application>

</manifest>
```