



Aurbjörg API Specifications

Telecom Services

Version 0.2

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Please note that this API is still in development and the information in this document is subject to change. Aurbjörg will notify users prior to the release of a new version.

Overview

This API enables telecommunication companies to send to Aurbjörg the latest information about their current services and offers, which allows Aurbjörg to provide for the general public a comprehensive, exhaustive and up-to-date price comparison on its website, in accordance with the rules about price comparison of telecom services (no. [1244/2022](#)) of Fjarskiptastofa (the Electronic Communications Office of Iceland).

Using the API

Authentication

An API key must be used on every request. The key is a string which is unique per telecommunication company and per environment, and is to be provided securely by Aurbjörg upon request.

All requests to the methods listed in this document must contain a header parameter in the form:

Key	Value
X-API-Key	{key}

where {key} is the string provided by Aurbjörg.

A request without a valid API key will fail with HTTP response “401 Unauthorized”,

Base URLs

Aurbjörg provides two environments: a sandbox to test API access and requests without having the data publicly visible, and the production environment which is directly linked to Aurbjörg’s public website. All telecommunication companies should have access to both environments.

Environment	Base URL
Sandbox	https://platform-dev.aurbjorg.is/telecom-gw
Production	https://platform.aurbjorg.is/telecom-gw

Data Management

The telecommunication companies are expected to provide updates on their services as soon as they come into effect.

Each data set received by Aurbjörg will be timestamped and stored.

Each request must include all corresponding services which are currently offered by the company, even if there is no change in price or conditions. If a service is not present in the latest data set received by Aurbjörg, it will be deemed expired and will not appear in the price comparison table.

Support

To get support or ask questions about the API, please contact aurbjorg@aurbjorg.is

Methods

Bundles (Pakkar)

Sends information about bundles offers (internet + mobile + tv + home phone), family packs...
All bundles currently offered must be sent in each request.

Type	Endpoint	Complete URL (Production)
POST	/bundles	https://platform.aurbjorg.is/telecom-gw/bundles

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{bundle}</i>	json	Yes	List of all subscription bundles currently offered

{bundle} format:

Field	Data Type	Mandatory	Description
bundleName	string	Yes	Commercial name of the bundle
mobileSubscriptionsCount	number	Yes	Number of mobile subscriptions included
kidsSubscriptionsCount	number	No	Number of mobile subscriptions for kids included (-1 if unlimited)
eSIMCount	number	No	Number of eSIM included (-1 if unlimited)
internetDataCap	number	Yes	Internet data cap pr. month in GB (-1 if unlimited)
tvSubscription	string	No	Name of TV subscription included
tvReceiverFees	number	No	TV receiver fees (0 if included, -1 if N/A)
homePhoneSubFees	number	No	Optional home phone subscription fees (0 if included, -1 if N/A)
routerFees	number	Yes	Router fees (0 if included, -1 if N/A)
accessFees	number	Yes	Access fees (0 if included, -1 if N/A)
otherBenefits	string	No	Other benefits included in the bundle, free text
bundlePrice	number	Yes	Total monthly price of the bundle incl. fees
url	string	No	URL of the service's webpage

Request Body Example:

```
[
  {
    "bundleName": "Heimilispakki 1",
    "mobileSubscriptionsCount": 2,
    "kidsSubscriptionsCount": 1,
    "internetDataCap": 500,
    "tvSubscription": "MyTV+",
    "tvReceiverFees": -1,
    "homePhoneSubFees": 1000,
    "routerFees": 0,
    "accessFees": 3790,
    "bundlePrice": 7990,
    "url": "https://www.fjarskiptafyrirtæki.is/net"
  },
  {
    "bundleName": "Heimilispakki 2",
    "mobileSubscriptionsCount": 3,
    "kidsSubscriptionsCount": -1,
    "eSIMCount": 1,
    "internetDataCap": -1,
    "tvSubscription": "MyTV1 og MyTV+",
    "tvReceiverFees": 0,
    "homePhoneSubFees": 0,
    "routerFees": 0,
    "accessFees": 0,
    "otherBenefits": "2 fyrir 1",
    "bundlePrice": 10990,
    "url": "https://www.fjarskiptafyrirtæki.is/net"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
 400 - Bad Request
 401 - Unauthorized
 500 - Internal Server Error

Internet Subscriptions (Heimanet)

Sends information about internet subscriptions. All subscriptions currently offered must be sent in each request.

Type	Endpoint	Complete URL (Production)
POST	/internetSubscriptions	https://platform.aurbjorg.is/telecom-gw/internetSubscriptions

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{internetSubscription}</i>	json	Yes	List of all internet subscriptions currently offered

{internetSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the internet subscription
broadbandType	enum	Yes	Broadband technology type (see list of values below)
maxBandwidth	number	Yes	Maximum bandwidth in Mb/s
internetDataCap	number	Yes	Internet data cap pr. month in GB (-1 if unlimited)
tvSubscription	string	No	Name of TV subscription included
tvReceiverFees	number	No	TV receiver fees (0 if included, -1 if N/A)
routerFees	number	Yes	Router fees (0 if included, -1 if N/A)
accessFees	number	Yes	Access fees (0 if included, -1 if N/A)
otherBenefits	string	No	Other benefits included in the subscription, free text
subscriptionPrice	number	Yes	Total monthly price of the subscription incl. fees
url	string	No	URL of the service's webpage

broadbandType values:

Values	Description
0	ADSL
1	VDSL (Ljósnet)
2	Fibre Optic Cable (Ljósleiðari)
3	4G
4	5G

Request Body Example:

```
[
  {
    "subscriptionName": "Net Áskrift",
    "broadbandType": 1,
    "maxBandwidth": 100,
    "internetDataCap": 500,
    "routerFees": 990,
    "accessFees": 3790,
    "subscriptionPrice": 6990,
    "url": "https://www.fjarskiptafyrirtæki.is/net"
  },
  {
    "subscriptionName": "Net Áskrift",
    "broadbandType": 2,
    "maxBandwidth": 1000,
    "internetDataCap": -1,
    "tvSubscription": "MyTV1 og MyTV+",
    "tvReceiverFees": 0,
    "routerFees": 990,
    "accessFees": 3790,
    "otherBenefits": "Other benefit",
    "subscriptionPrice": 8990,
    "url": "https://www.fjarskiptafyrirtæki.is/net"
  },
  {
    "subscriptionName": "Net fyrir nemendur",
    "broadbandType": 2,
    "maxBandwidth": 1000,
    "internetDataCap": -1,
    "tvSubscription": "MyTV+",
    "routerFees": 990,
    "accessFees": 3790,
    "subscriptionPrice": 6990,
    "url": "https://www.fjarskiptafyrirtæki.is/skolanet"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
 400 - Bad Request
 401 - Unauthorized
 500 - Internal Server Error

Mobile Subscriptions (Farsímaáskriftir)

Sends information about mobile subscriptions. All subscriptions currently offered must be sent in each request.

Type	Endpoint	Complete URL (Production)
POST	/mobileSubscriptions	https://platform.aurbjorg.is/telecom-gw/mobileSubscriptions

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{mobileSubscription}</i>	json	Yes	List of all mobile subscriptions currently offered

{mobileSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the mobile subscription
withInternetSubscription	boolean	Yes	Only available with an internet subscription
minutesCount	number	Yes	Minutes pr. month included (-1 if unlimited)
extraMinutesFees	number	No	Extra fees for each minute above included
smsCount	number	Yes	Number of SMS pr. month included (-1 if unlimited)
extraSmsFees	number	No	Extra fees for each SMS above included
mobileDataCap	number	Yes	Mobile data cap pr. month in GB (-1 if unlimited)
roamingDataCap	number	Yes	Mobile data cap for EU/EEA roaming pr. month in GB (-1 if unlimited)
extraDataFees	number	Yes	Extra fees for each GB above data cap
kidsSubscriptionsCount	number	No	Number of mobile subscriptions for kids included (-1 if unlimited)
otherBenefits	string	No	Other benefits included in the subscription, free text
subscriptionPrice	number	Yes	Total monthly price of the subscription
url	string	No	URL of the service's webpage

Request Body Example:

```
[
  {
    "subscriptionName": "Farsími 1GB",
    "withInternetSubscription": false,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": 1,
    "roamingDataCap": 1,
    "extraDataFees": 990,
    "subscriptionPrice": 1690,
    "url": "https://www.fjarskiptafyrirtæki.is/simi"
  },
  {
    "subscriptionName": "Farsími - ótakmarkað",
    "withInternetSubscription": false,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": -1,
    "roamingDataCap": 10,
    "extraDataFees": 990,
    "kidsSubscriptionsCount": 1,
    "otherBenefits": "Gagnakort fyrir 0 kr.",
    "subscriptionPrice": 9990,
    "url": "https://www.fjarskiptafyrirtæki.is/simi"
  },
  {
    "subscriptionName": "Farsími með heimaneti",
    "withInternetSubscription": true,
    "minutesCount": -1,
    "smsCount": -1,
    "mobileDataCap": -1,
    "roamingDataCap": 10,
    "extraDataFees": 990,
    "kidsSubscriptionsCount": -1,
    "otherBenefits": "Gagnakort fyrir 0 kr.",
    "subscriptionPrice": 3990,
    "url": "https://www.fjarskiptafyrirtæki.is/simi"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
 400 - Bad Request
 401 - Unauthorized
 500 - Internal Server Error

Mobile Pay-as-You-Go (Frelsi)

Sends information about mobile pay-as-you-go offers. All services currently offered must be sent in each request.

Type	Endpoint	Complete URL (Production)
POST	/mobilePayAsYouGo	https://platform.aurbjorg.is/telecom-gw/mobilePayAsYouGo

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{mobilePayAsYouGo}</i>	json	Yes	List of all mobile pay-as-you-go offers

{mobilePayAsYouGo} format:

Field	Data Type	Mandatory	Description
offerName	string	Yes	Commercial name of the mobile pay-as-you-go offer
validityPeriod	number	Yes	Number of days before the credit expires
withInternetSubscription	boolean	Yes	Only available with an internet subscription
minutesCount	number	Yes	Minutes included (-1 if unlimited)
extraMinutesFees	number	No	Extra fees for each minute above included
smsCount	number	Yes	Number of SMS included (-1 if unlimited)
extraSmsFees	number	No	Extra fees for each SMS above included
mobileDataCap	number	Yes	Mobile data cap in GB (-1 if unlimited)
roamingDataCap	number	Yes	Mobile data cap for EU/EEA roaming in GB (-1 if unlimited)
otherBenefits	string	No	Other benefits included in the bundle, free text
offerPrice	number	Yes	Total price of the pay-as-you-go offer
url	string	No	URL of the service's webpage

Request Body Example:

```
[
  {
    "offerName": "Frelsi 1",
    "validityPeriod": 31,
    "withInternetSubscription": false,
    "minutesCount": 60,
    "extraMinutesFees": 15,
    "smsCount": 60,
    "extraSmsFees": 15,
    "mobileDataCap": 5,
    "roamingDataCap": 1,
    "offerPrice": 2690,
    "url": "https://www.fjarskiptafyrirtæki.is/frelsi"
  },
  {
    "offerName": "Frelsi Gagnapakki 500MB",
    "validityPeriod": 31,
    "withInternetSubscription": false,
    "minutesCount": 0,
    "smsCount": 0,
    "mobileDataCap": 0.5,
    "roamingDataCap": 0.5,
    "offerPrice": 1090,
    "url": "https://www.fjarskiptafyrirtæki.is/frelsi"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
400 - Bad Request
401 - Unauthorized
500 - Internal Server Error

Home Phone Subscriptions (Heimasími)

Sends information about home phone subscriptions. All subscriptions currently offered must be sent in each request.

Type	Endpoint	Complete URL (Production)
POST	/homePhoneSubscriptions	https://platform.aurbjorg.is/telecom-gw/homePhoneSubscriptions

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{homePhoneSubscription}</i>	json	Yes	List of all home phone subscriptions

{homePhoneSubscription} format:

Field	Data Type	Mandatory	Description
subscriptionName	string	Yes	Commercial name of the home phone subscription
connectionType	enum	Yes	Type of connection (see list of values below)
includedMinutesToFixed	number	Yes	Minutes pr. month included when calling fixed-line phones (-1 if unlimited)
extraMinuteFeesToFixed	number	No	Extra fees for each minute above included when calling fixed-line phones
initialFeesToFixed	number	No	Initial fees when calling fixed-line phones
includedMinutesToMobile	number	Yes	Minutes pr. month included when calling mobile phones (-1 if unlimited)
extraMinuteFeesToMobile	number	No	Extra fees for each minute above included when calling mobile phones
initialFeesToMobile	number	No	Initial fees when calling mobile phones
billingMinimum	number	No	Billing minimum (in seconds)
billingIncrement	number	No	Billing increment after minimum (in seconds)
subscriptionPrice	number	No	Total monthly price of the subscription if unlimited
url	string	No	URL of the service's webpage

connectionType values:

Values	Description
0	PSTN
1	VoIP

Request Body Example:

```
[
  {
    "subscriptionName": "Heimasími Ótakmarkað",
    "connectionType": 1,
    "includedMinutesToFixed": -1,
    "includedMinutesToMobile": -1,
    "subscriptionPrice": 2590,
    "url": "https://www.fjarskiptafyrirtæki.is/heimasimi1"
  },
  {
    "subscriptionName": "Heimasími 1",
    "connectionType": 1,
    "includedMinutesToFixed": 1000,
    "extraMinuteFeesToFixed": 5,
    "initialFeesToFixed": 15,
    "includedMinutesToMobile": 0,
    "extraMinuteFeesToMobile": 25,
    "initialFeesToMobile": 15,
    "billingMinimum": 60,
    "billingIncrement": 60,
    "url": "https://www.fjarskiptafyrirtæki.is/heimasimi2"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
400 - Bad Request
401 - Unauthorized
500 - Internal Server Error

Supported Fibre Network Operators (Ljósleiðarar)

Sends list of currently supported fibre network operators.

Type	Endpoint	Complete URL (Production)
POST	/networkOperators	https://platform.aurbjorg.is/telecom-gw/networkOperators

Request Format:

Field	Data Type	Mandatory	Description
List of <i>{networkOperator}</i>	json	Yes	List of supported network operators

{networkOperator} format:

Field	Data Type	Mandatory	Description
name	string	Yes	Name of the network operator
kennitala	string	Yes	Kennitala of the network operator (without hyphen)

Request Body Example:

```
[
  {
    "name": "Ljósleiðarinn ehf.",
    "kennitala": "6912063780"
  },
  {
    "name": "Míla ehf.",
    "kennitala": "4602071690"
  }
]
```

Response Format:

HTTP Response Status

Response Examples:

201 - Created
 400 - Bad Request
 401 - Unauthorized
 500 - Internal Server Error